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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- Monthly average crude oil prices remained on an upward path in July. The average domestic crude oil first purchase price rose \$1.58 (2.3%) to \$70.15 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose \$1.12 (1.7%) to \$66.02 per barrel. The average landed cost of foreign crude oil increased 57 cents (0.8%) to \$67.88 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$1.66 (2.3%) to \$73.26 per barrel. The average cost of imported crude oil increased 94 cents (1.4%) to \$69.79 per barrel. The composite refiner acquisition cost for crude oil rose \$1.39 (2.0%) to \$71.93 per barrel.

Petroleum products

Motor gasoline

- In July, the refiner monthly average price for wholesale sales of motor gasoline rose 8.6 cents to \$2.338 per gallon.
- Sales of finished motor gasoline by refiners increased in July. Total refiner motor gasoline sales rose 200,000 gallons per day (0.1%) to an average of 317.5 million gallons per day. DTW sales accounted for 7.0% of wholesales, while rack and bulk sales made up 90.1% and 2.9%, respectively.

No. 2 distillate

- Refiner prices for sales of No. 2 distillates increased again in July. The monthly average retail price for No. 2 diesel fuel climbed 5.3 cents to \$2.281 per gallon, while the average wholesale price rose 3.6 cents to \$2.183 per gallon. The average No. 2 fuel oil wholesale price rose 0.5 cent to \$1.932 per gallon.
- Refiner retail sales of No. 2 ultra-low sulfur diesel fuel totaled 153.0 million gallons per day in July. Retail sales accounted for 7.7 million gallons per day, while wholesales sales fell 11.1 million gallons per day (7.1%) from June's level to 145.3 million gallons per day.

Residual fuel oil

- Monthly average prices for refiner sales of residual fuel oil increased during July. The average retail price for residual fuel oil climbed 10.2 cents to \$1.969 per gallon, while the average wholesale price increased 3.5 cents to \$1.818 per gallon.
- Total refiner residual fuel oil sales declined in July, falling 2.1 million gallons per day to 5.9 million gallons per day (26.3%). Retail sales fell 400,000 gallons per day (18.2%), while wholesale sales declined 1.7 million gallons per day (29.3%).

Other products

- July monthly average prices for refiner sales of kerosene-type jet fuel, propane, and No. 1 distillate increased at both retail and wholesale. Aviation gasoline and kerosene prices also rose at the wholesale level.
- Refiner sales of these products show mixed trends in July. Sales of kerosene-type jet fuel continued to rise at both the retail and wholesale levels. Aviation gasoline and No. 1 distillate sales declined at retail but rose at wholesale. Propane sales increased at retail but remained flat at wholesale. Sales of kerosene declined at the wholesale level.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	July 2021		June 2021		July 2020		July 2021		June 2021		July 2020	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	3.108	4.9	3.000	4.9	1.806	20.6	2.338	312.6	2.252	312.4	1.380	274.4
Conventional	2.870	W	2.745	W	1.664	13.1	2.282	216.1	2.184	215.5	1.324	192.3
Regular	2.786	W	2.664	W	1.601	11.4	2.235	190.5	2.140	190.0	1.281	168.7
Midgrade	3.106	W	2.919	W	1.904	0.7	2.525	1.3	2.410	1.3	1.500	1.3
Premium	W	W	W	W	2.207	1.0	2.642	24.3	2.518	24.2	1.635	22.3
Reformulated	W	W	W	W	2.056	7.5	2.462	96.5	2.403	96.9	1.511	82.1
Regular	W	W	W	W	1.934	5.4	2.395	79.1	2.336	79.6	1.452	66.9
Midgrade	W	W	W	W	2.254	0.8	2.599	0.4	2.562	0.4	1.617	0.4
Premium	W	W	W	W	2.429	1.3	2.769	17.0	2.712	16.9	1.777	14.8
Aviation gasoline	W	W	3.492	0.0	2.761	0.0	3.337	0.6	3.190	0.5	2.253	0.4
Kerosene-type jet fuel	1.981	28.2	1.906	28.0	1.175	20.2	1.946	30.8	1.871	30.6	1.144	18.0
Propane (consumer grade)	1.096	4.6	0.966	3.2	0.518	2.2	1.075	19.7	0.950	19.7	0.507	19.0
Kerosene	2.860	0.0	W	W	3.059	0.0	1.940	0.7	1.907	0.5	1.172	1.1
No. 1 distillate	2.593	0.0	2.514	0.0	1.483	0.1	2.467	0.1	2.449	0.1	1.526	0.2
No. 2 distillate	2.282	7.9	2.228	8.8	1.431	9.6	2.178	148.9	2.141	161.7	1.251	147.2
No. 2 fuel oil	2.505	0.0	2.341	0.1	1.394	0.1	1.932	2.8	1.927	4.1	1.152	3.9
No. 2 diesel fuel	2.281	7.9	2.228	8.8	1.431	9.4	2.183	146.1	2.147	157.6	1.254	143.4
Ultra low sulfur	2.284	7.7	W	W	1.437	9.0	2.183	145.3	2.149	156.4	1.254	142.2
Low sulfur	W	W	-	-	W	W	-	-	-	-	-	-
High sulfur	W	W	W	W	W	W	2.139	0.8	1.916	1.2	1.186	1.2
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.969	1.8	1.867	2.2	1.071	2.0	1.818	4.1	1.783	5.8	1.137	4.4
Sulfur content not > 1%	W	W	W	W	W	W	1.852	2.5	1.909	3.0	1.153	3.3
Sulfur content > 1%	1.721	W	1.608	W	0.981	W	1.766	1.6	1.650	2.8	1.089	1.1

NA = Not available.

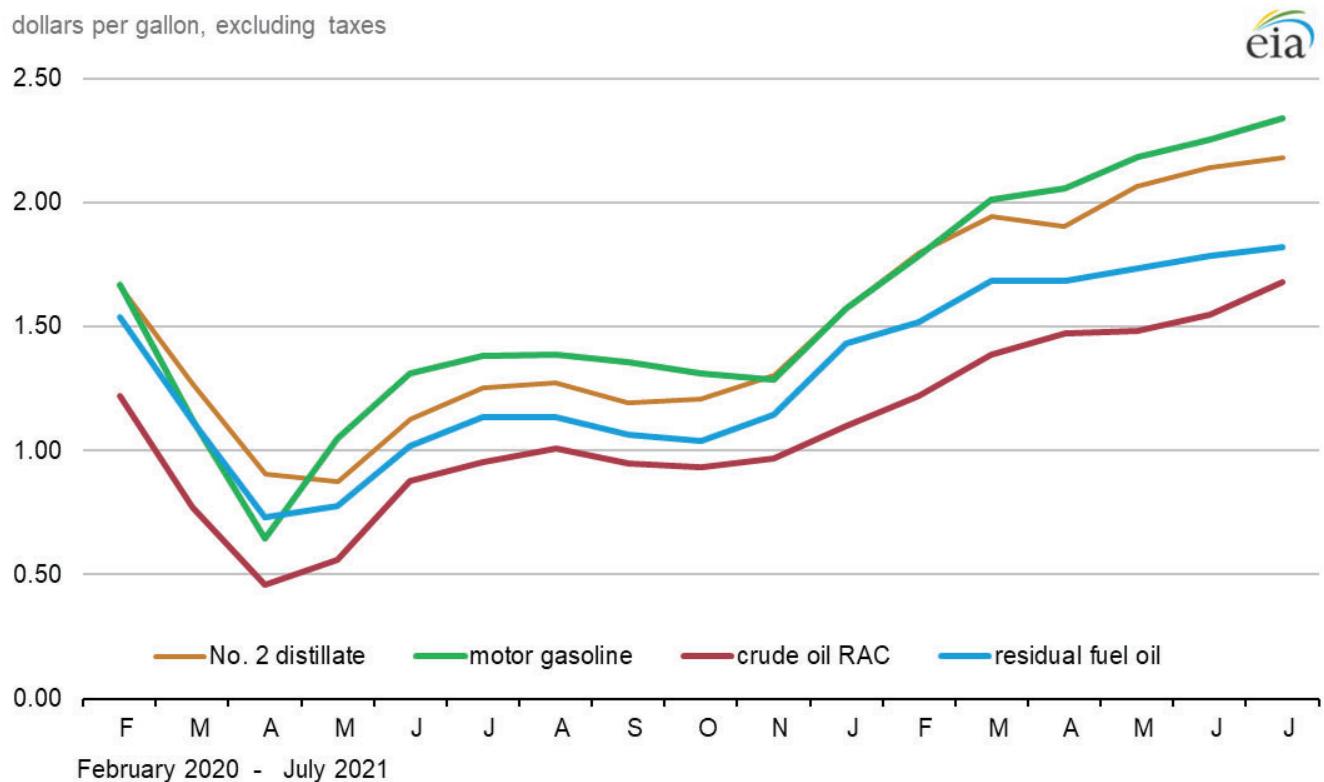
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure HL1. Crude oil and petroleum product wholesale prices

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019						
January	48.00	48.70	49.25	54.06	49.71	52.29
February	52.60	54.23	56.17	58.24	56.66	57.62
March	57.46	57.54	59.48	61.97	61.14	61.64
April	63.00	61.31	63.62	67.21	65.42	66.51
May	59.73	60.74	63.70	65.17	65.03	65.11
June	54.34	54.56	57.43	59.81	58.16	59.16
July	56.47	54.51	57.00	61.47	59.18	60.53
August	53.63	51.98	54.91	57.88	55.41	56.90
September	55.14	52.68	55.06	59.41	57.31	58.60
October	53.14	50.40	53.74	56.69	54.44	55.85
November	54.96	51.87	54.48	59.42	55.27	57.88
December	58.41	51.57	53.92	62.23	56.85	60.27
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
2020 average	36.86	33.66	36.42	41.23	37.41	39.75
2021						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	R61.76	R63.92	65.94	63.81	65.15
June	R68.57	R64.90	R67.31	R71.60	68.85	70.54
July	70.15	66.02	67.88	R73.26	R69.79	R71.93
August[c]	NA	NA	NA	E70.07	E66.38	E68.66

NA = Not available.

E = Estimated data.

R = Revised data.

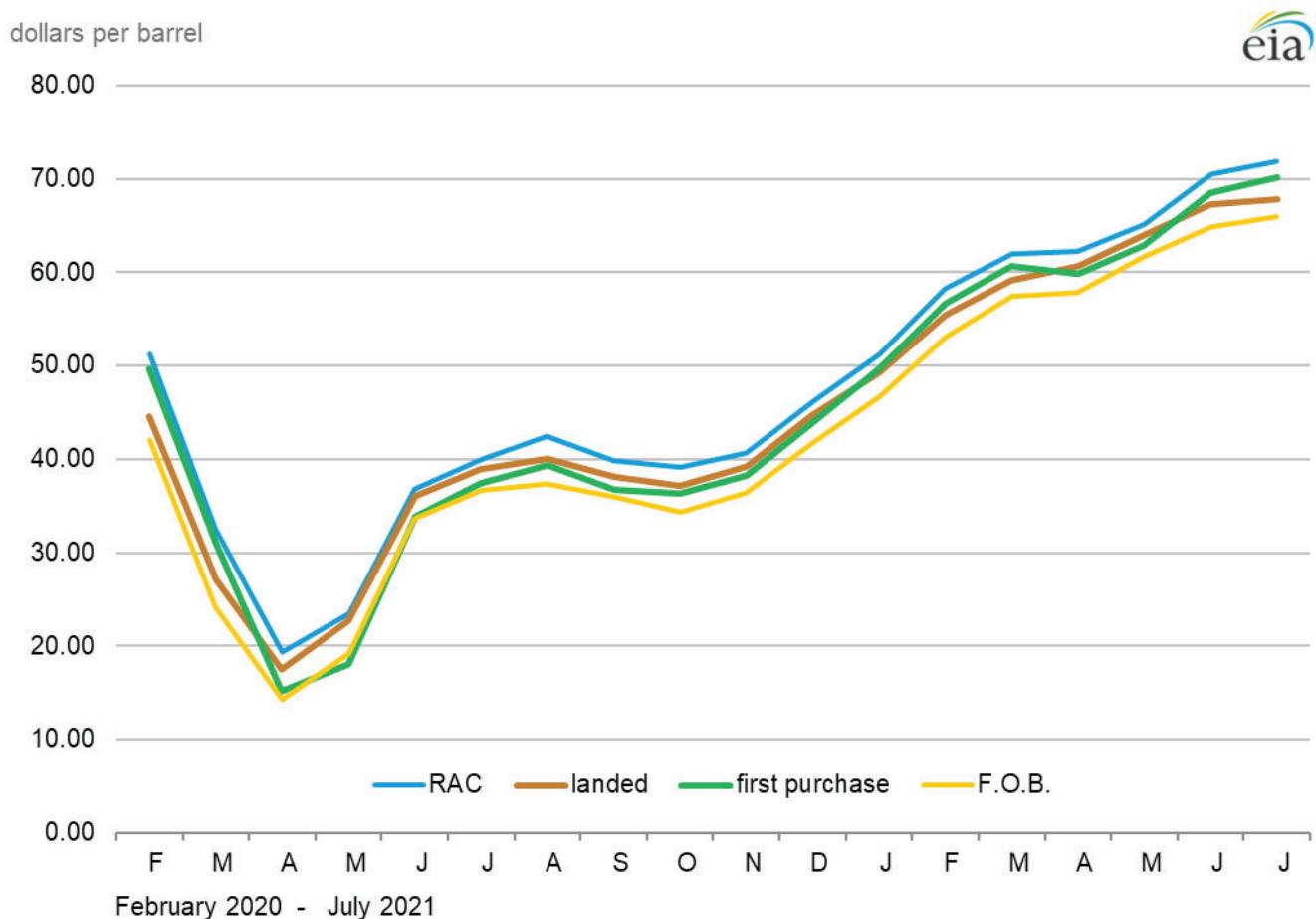
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, *Refiners' Monthly Cost Report*.

Figure 1. Crude oil prices

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*. Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019									
January	54.06	49.71	52.29	59.24	59.65	59.58	50.99	38.59	44.74
February	58.24	56.66	57.62	62.66	65.08	64.48	54.82	49.79	52.32
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.21	65.42	66.51	70.56	69.84	70.01	65.73	59.64	62.81
May	65.17	65.03	65.11	67.35	70.86	70.05	61.64	59.17	60.38
June	59.81	58.16	59.16	63.72	65.04	64.77	55.27	50.30	52.75
July	61.47	59.18	60.53	65.28	65.31	65.31	59.51	51.52	55.64
August	57.88	55.41	56.90	61.99	61.37	61.54	55.69	50.09	52.79
September	59.41	57.31	58.60	63.46	63.28	63.33	58.61	51.90	55.55
October	56.69	54.44	55.85	59.84	62.05	61.29	54.61	48.65	51.73
November	59.42	55.27	57.88	62.94	63.77	63.50	58.64	48.99	54.16
December	62.23	56.85	60.27	64.86	67.26	66.39	61.81	48.46	55.41
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
2020	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
2021									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	R71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	R73.26	R69.79	R71.93	76.46	75.13	75.35	74.16	66.28	70.80

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)
dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.17	58.22	58.67
February	58.32	58.13	58.27	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.20	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.72	65.84	65.76	59.64	58.17	58.94	69.40	70.73	70.08
June	60.74	61.60	60.95	52.89	49.11	51.00	63.97	63.82	63.90
July	61.75	61.43	61.66	55.97	50.68	53.44	64.82	65.00	64.92
August	58.10	55.29	57.40	53.46	48.89	51.36	61.30	62.22	61.83
September	59.33	58.20	59.04	54.02	50.15	52.25	62.45	63.07	62.78
October	56.84	54.38	56.28	50.42	45.65	48.39	60.67	60.78	60.73
November	59.10	54.89	58.11	53.80	48.00	51.00	63.43	62.62	63.00
December	61.90	58.75	61.18	56.04	45.99	50.94	66.13	65.41	65.75
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.41	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
2020	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
2021									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	R70.67	62.58	R65.65	72.95	72.82	72.87
July	72.90	70.25	72.22	71.63	63.28	66.67	73.71	73.93	73.83

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, *Refiners' Monthly Cost Report*, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-
2019										1.662
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-
April	2.487	W	2.063	0.686	W	2.563	2.259	2.461	2.260	-
May	2.520	W	2.141	0.599	W	NA	2.272	2.389	2.272	-
June	2.366	W	1.907	0.464	3.312	2.209	2.078	2.156	2.079	-
July	2.375	W	1.973	0.487	3.260	2.352	2.100	2.206	2.101	-
August	2.252	W	1.901	0.461	W	2.282	2.037	2.155	2.038	-
September	2.242	W	1.937	0.473	3.203	2.348	2.101	2.200	2.102	-
October	2.289	W	1.965	0.516	W	2.527	2.134	2.174	2.134	-
November	2.229	W	1.979	0.635	W	2.641	2.126	2.321	2.128	-
December	2.182	W	1.979	0.601	W	2.501	2.072	2.361	2.075	-
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-
2020										1.584
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-
2020	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-
2021										1.246
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	R2.228	-
July	3.108	W	1.981	1.096	2.860	2.593	2.281	2.505	2.282	-
										1.969

NA = Not available.

- = No data reported.

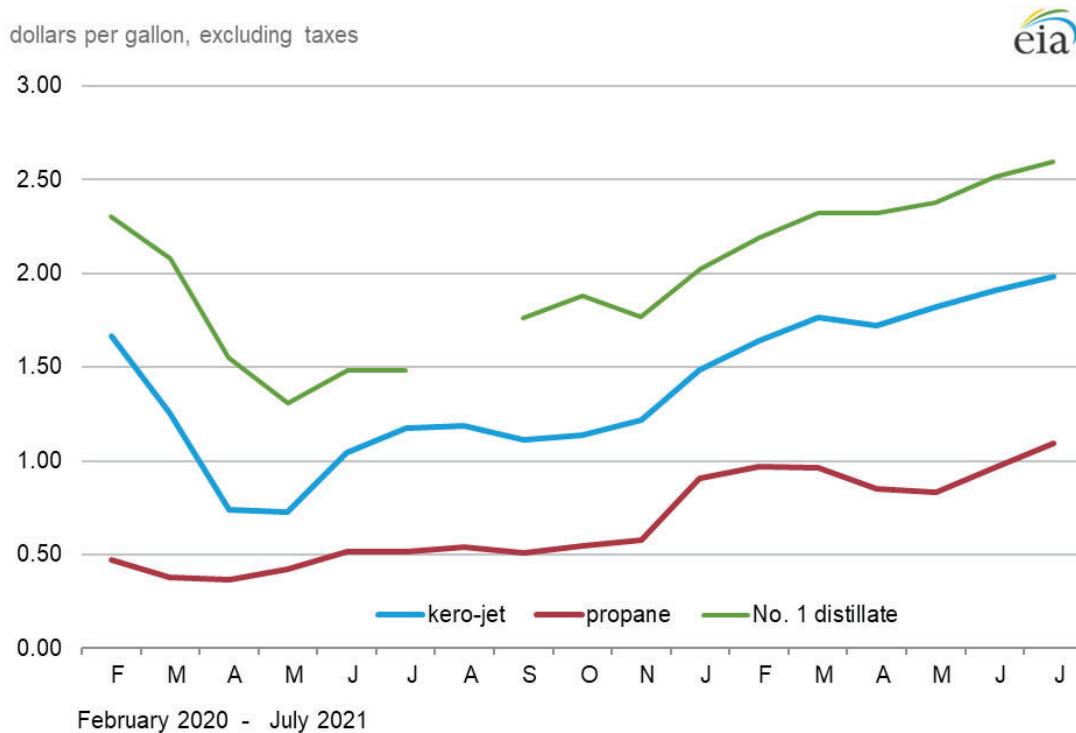
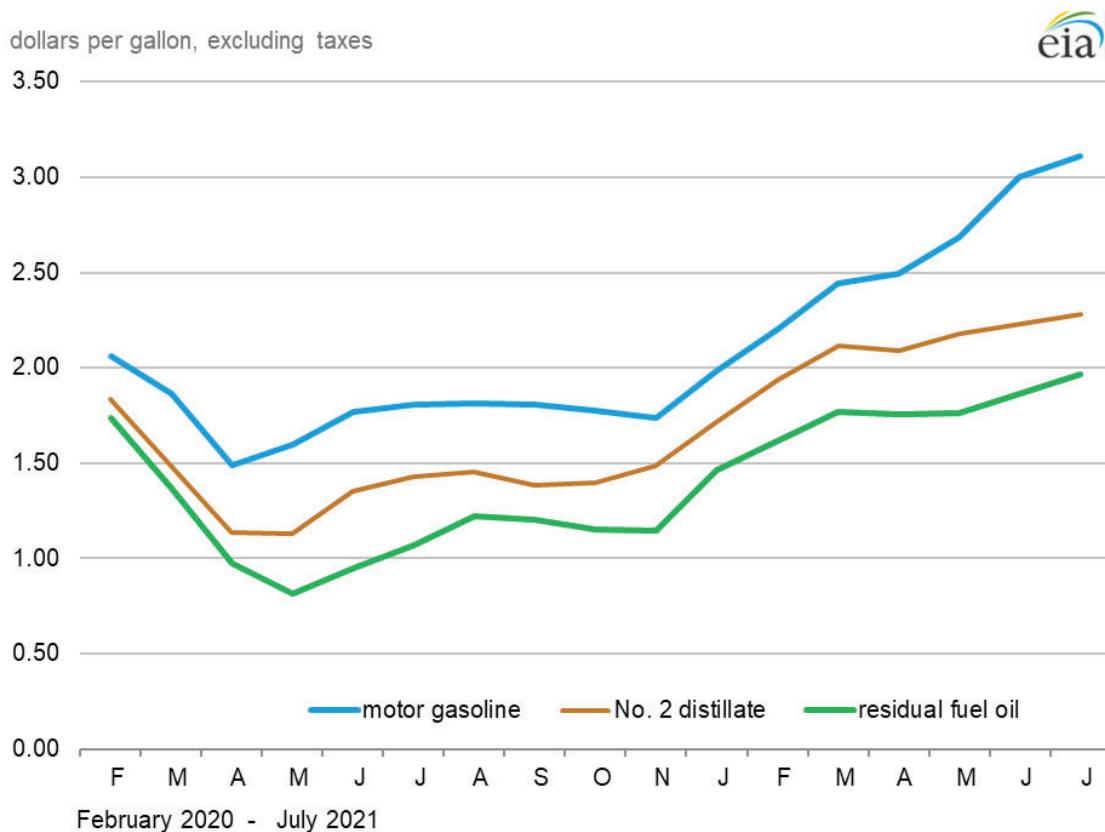
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. refiner retail petroleum product prices

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-
2019										
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-
April	24.1	W	32.3	2.3	W	0.1	11.7	0.1	11.8	-
May	24.7	W	31.7	2.8	W	0.1	12.1	0.1	12.1	-
June	24.9	W	32.9	2.9	0.0	0.0	11.9	0.1	12.0	-
July	24.8	W	33.9	2.1	0.0	0.0	12.5	0.0	12.6	-
August	25.9	W	31.9	2.5	W	0.0	12.8	0.1	12.8	-
September	24.1	W	32.1	3.4	0.0	0.1	12.2	0.1	12.3	-
October	24.0	W	30.5	3.1	W	0.1	11.3	0.2	11.4	-
November	23.9	W	30.5	4.1	W	0.1	10.6	0.1	10.7	-
December	23.3	W	32.6	3.8	W	0.1	11.0	0.1	11.1	-
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-
2020										
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-
November	19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-
2020	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-
2021										
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-
July	4.9	W	28.2	4.6	0.0	0.0	7.9	0.0	7.9	-

NA = Not available.

- = No data reported.

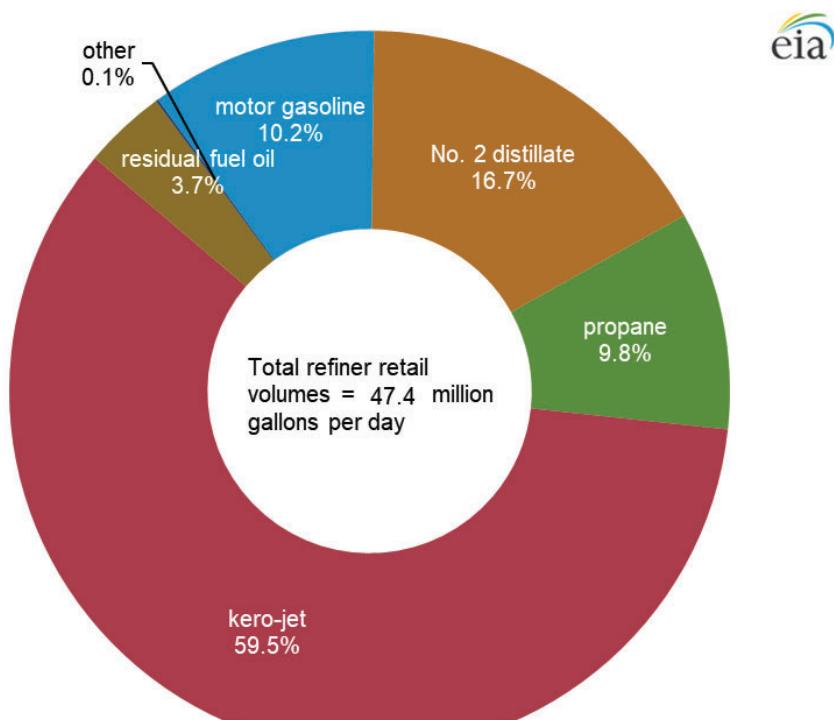
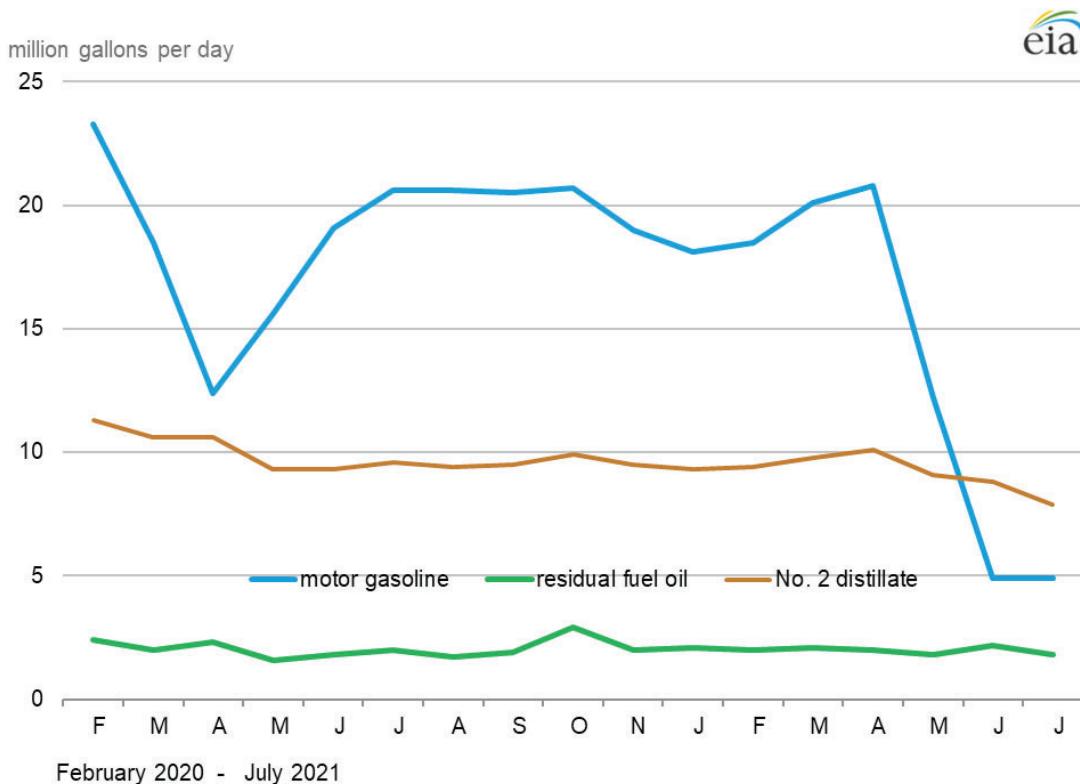
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. refiner retail petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019											
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581
April	2.138	3.100	2.022	0.660	2.073	2.343	2.100	1.993	2.095	W	1.577
May	2.110	3.021	2.061	0.595	2.057	2.458	2.106	1.989	2.102	W	1.505
June	1.909	2.841	1.879	0.493	1.914	2.203	1.874	1.824	1.873	W	1.372
July	1.984	2.988	1.938	0.478	1.969	2.260	1.938	1.847	1.935	W	1.489
August	1.820	2.854	1.864	0.458	1.861	2.201	1.865	1.795	1.862	W	1.247
September	1.854	2.829	1.898	0.477	1.984	2.264	1.955	1.901	1.954	W	1.337
October	1.871	2.857	1.931	0.544	2.003	2.369	1.984	1.926	1.982	W	1.263
November	1.819	2.783	1.922	0.655	2.046	2.420	1.974	1.884	1.968	W	1.353
December	1.757	2.734	1.932	0.632	2.087	2.369	1.943	1.919	1.941	W	1.597
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428
2020											
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041
November	1.287	2.123	1.180	0.630	1.322	1.647	1.315	1.156	1.306	W	1.145
2020	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W	1.143
2021											
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W	1.432
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W	1.518
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W	1.683
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W	1.686
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W	1.736
June	R2.252	3.190	1.871	0.950	1.907	2.449	R2.147	R1.927	R2.141	W	R1.783
July	2.338	3.337	1.946	1.075	1.940	2.467	2.183	1.932	2.178	W	1.818

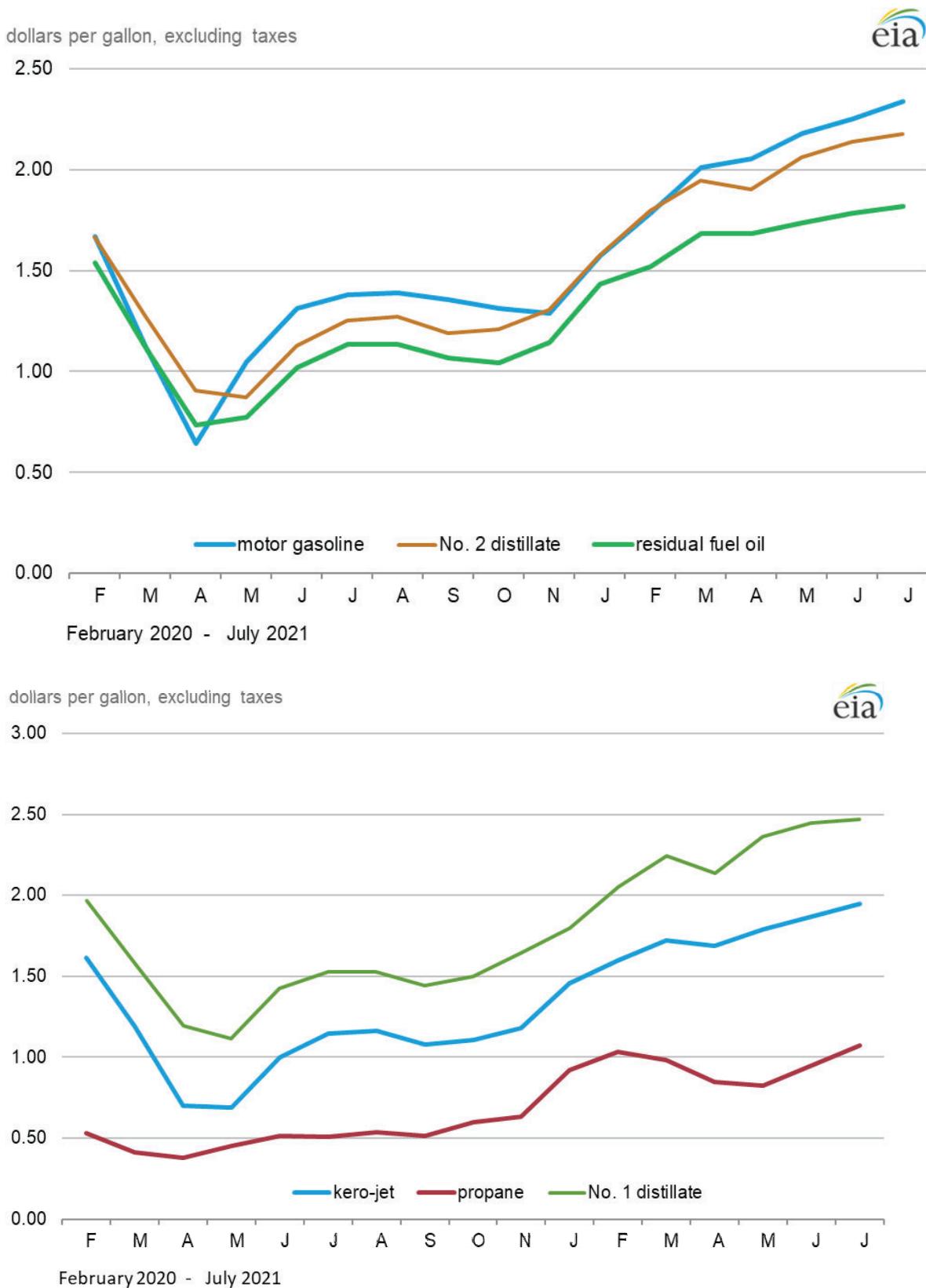
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. refiner wholesale petroleum product prices

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8	
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6	
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8	
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5	
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4	
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5	
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5	
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3	
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8	
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7	
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9	
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7	
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5	
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2	
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5	
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8	
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7	
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2	
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8	
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0	
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0	
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1	
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4	
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1	
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6	
2019												
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9	
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6	
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9	
April	304.9	0.4	40.1	25.1	0.5	0.4	160.9	7.7	168.6	W	9.3	
May	309.2	0.5	39.7	24.8	0.8	0.1	161.0	5.8	166.8	W	7.4	
June	307.8	0.4	42.5	26.2	1.2	0.1	168.8	5.0	173.8	W	7.7	
July	307.7	0.6	44.6	27.6	1.6	0.1	161.1	4.7	165.8	W	6.5	
August	314.8	0.5	44.8	27.0	0.8	0.2	165.8	7.2	173.0	W	8.4	
September	302.1	0.5	44.3	27.7	1.2	0.4	160.3	4.1	164.5	W	7.5	
October	305.3	0.5	40.6	29.5	1.1	1.3	168.6	6.2	174.8	W	7.7	
November	299.3	0.4	39.8	38.2	1.3	2.7	166.8	12.8	179.5	W	7.2	
December	294.6	0.3	41.7	38.0	1.4	2.6	155.6	14.6	170.2	W	6.1	
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5	
2020												
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9	
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8	
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9	
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7	
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8	
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7	
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4	
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4	
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0	
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8	
November	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4	
2020	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1	
2021												
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9	
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9	
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0	
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9	
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1	
June	R312.4	0.5	30.6	19.7	0.5	0.1	R157.6	4.1	R161.7	W	R5.8	
July	312.6	0.6	30.8	19.7	0.7	0.1	146.1	2.8	148.9	W	4.1	

NA = Not available.

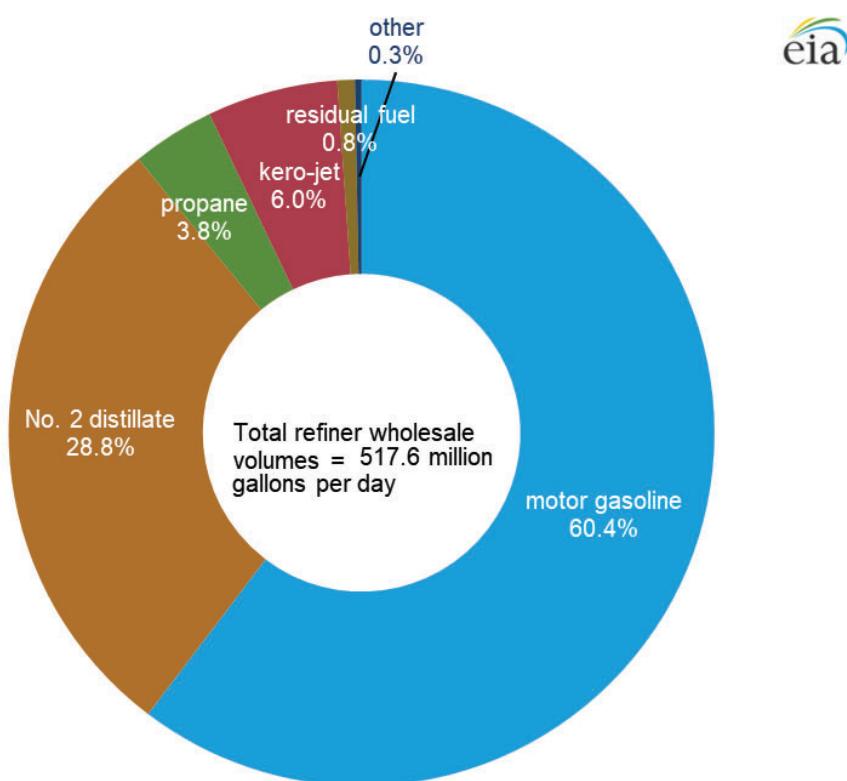
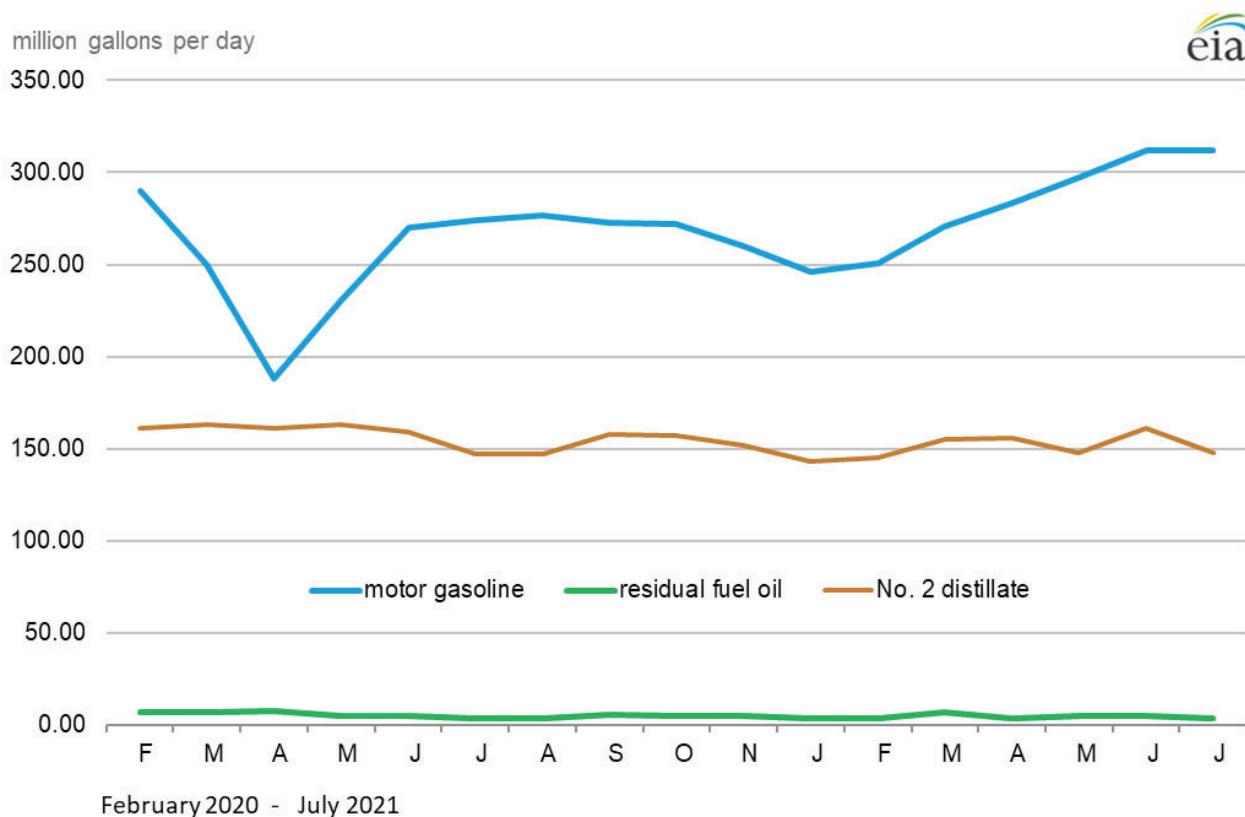
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[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

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Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. refiner wholesale petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268
June	2.284	2.277	2.456	1.822	1.771	1.860	2.665	2.662	2.604	2.014	-	2.066
July	2.300	2.294	2.378	1.906	1.835	1.933	2.640	2.637	2.565	2.113	-	2.150
August	2.170	2.163	2.271	1.736	1.703	1.769	2.541	2.539	2.467	1.946	-	1.988
September	2.152	2.147	2.399	1.762	1.705	1.800	2.553	2.549	2.611	1.984	-	2.042
October	2.192	2.185	2.669	1.763	1.668	1.816	2.662	2.656	2.874	1.988	-	2.071
November	2.137	2.131	2.480	1.725	1.629	1.768	2.575	2.569	2.658	1.948	-	2.019
December	2.099	2.093	2.216	1.682	1.607	1.712	2.481	2.477	2.409	1.869	-	1.922
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
2020	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
2021												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	R2.769	R2.162	R2.097	R2.198	3.197	3.171	2.960	R2.399	-	R2.448
July	2.990	2.974	2.843	2.246	2.203	2.282	3.317	3.298	3.044	2.496	-	2.544

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110
June	2.904	2.887	2.719	2.199	1.995	2.255	2.374	2.366	2.513	1.866	1.802	1.909
July	2.876	2.861	2.664	2.297	2.182	2.337	2.383	2.375	2.441	1.952	1.882	1.984
August	2.779	2.764	2.555	2.126	1.970	2.173	2.259	2.252	2.334	1.782	1.739	1.820
September	2.792	2.777	2.705	2.164	2.096	2.229	2.249	2.242	2.467	1.809	1.752	1.854
October	2.921	2.901	2.968	2.175	2.021	2.265	2.297	2.289	2.733	1.811	1.713	1.871
November	2.837	2.820	2.757	2.118	1.949	2.189	2.236	2.229	2.539	1.770	1.668	1.819
December	2.731	2.715	2.499	2.024	1.836	2.073	2.188	2.182	2.278	1.722	1.638	1.757
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
2020	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
2021												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	R3.115	R2.537	2.289	R2.598	3.017	3.000	R2.849	R2.210	R2.126	R2.252
July	3.535	3.531	3.191	2.638	2.376	2.695	3.125	3.108	2.924	2.296	2.232	2.338

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0
June	20.3	20.7	17.1	240.7	10.9	268.7	1.7	1.7	0.2	1.8	-	2.0
July	20.2	20.6	16.7	241.4	10.1	268.1	1.7	1.7	0.2	1.8	-	2.0
August	21.0	21.4	17.3	245.9	11.1	274.2	1.7	1.7	0.2	1.8	-	2.0
September	19.5	19.8	16.8	235.0	11.6	263.3	1.6	1.6	0.2	1.6	-	1.8
October	19.6	20.0	16.7	239.0	11.4	267.1	1.6	1.6	0.2	1.5	-	1.7
November	19.6	19.9	16.4	234.0	11.6	262.0	1.6	1.6	0.2	1.4	-	1.6
December	19.1	19.4	16.2	227.9	13.2	257.3	1.5	1.6	0.2	1.4	-	1.6
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
2020	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
2021												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	R16.6	R244.8	8.2	R269.6	0.5	0.5	0.1	R1.5	-	1.7
July	3.4	3.5	16.7	245.4	7.6	269.6	0.5	0.5	0.2	1.6	-	1.7

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	304.9
May	2.4	2.5	4.5	30.1	1.6	36.3	24.3	24.7	21.7	271.7	15.9	309.2
June	2.5	2.6	4.7	30.7	1.8	37.2	24.5	24.9	21.9	273.2	12.6	307.8
July	2.5	2.6	4.6	31.4	1.6	37.6	24.4	24.8	21.5	274.6	11.6	307.7
August	2.7	2.7	4.8	32.0	1.8	38.6	25.4	25.9	22.3	279.7	12.8	314.8
September	2.5	2.6	4.7	30.8	1.6	37.0	23.6	24.1	21.6	267.4	13.1	302.1
October	2.4	2.4	4.5	30.4	1.7	36.5	23.6	24.0	21.3	270.9	13.0	305.3
November	2.3	2.4	4.4	29.7	1.6	35.7	23.5	23.9	21.0	265.1	13.2	299.3
December	2.3	2.4	4.4	29.3	2.0	35.7	23.0	23.3	20.8	258.5	15.2	294.6
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	18.9	19.0	17.0	233.6	9.4	260.0
2020	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
2021												
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	R5.0	34.7	1.5	41.1	4.8	4.9	R21.7	R281.0	9.7	R312.4
July	0.9	0.9	5.0	34.7	1.6	41.3	4.7	4.9	21.8	281.7	9.2	312.6

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187
June	2.122	2.118	2.141	1.781	1.729	1.786	2.408	2.406	2.341	1.990	-	2.003
July	2.177	2.172	2.118	1.872	1.787	1.873	2.436	2.434	2.338	2.101	-	2.109
August	2.038	2.034	2.007	1.708	1.671	1.712	2.310	2.308	2.254	1.931	-	1.940
September	2.030	2.026	2.044	1.728	1.633	1.729	2.313	2.310	2.316	1.942	-	1.956
October	2.024	2.020	2.203	1.722	1.591	1.724	2.322	2.315	2.486	1.933	-	1.954
November	1.972	1.969	2.082	1.698	1.587	1.698	2.282	2.275	2.359	1.917	-	1.935
December	1.984	1.980	1.932	1.658	W	1.659	2.272	2.267	2.213	1.846	-	1.861
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
2020	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
2021												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	R2.448	R2.134	W	2.140	2.991	2.919	W	R2.396	-	2.410
July	2.802	2.786	2.571	2.227	W	2.235	3.159	3.106	W	2.509	-	2.525

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012
June	2.697	2.674	2.395	2.169	1.936	2.162	2.175	2.170	2.187	1.821	1.759	1.826
July	2.726	2.706	2.387	2.279	2.143	2.275	2.227	2.222	2.168	1.915	1.834	1.917
August	2.601	2.580	2.275	2.114	1.908	2.107	2.091	2.086	2.057	1.750	1.703	1.755
September	2.607	2.586	2.333	2.134	2.011	2.135	2.085	2.080	2.098	1.771	1.676	1.773
October	2.608	2.586	2.509	2.130	1.890	2.129	2.076	2.071	2.259	1.763	1.626	1.766
November	2.568	2.547	2.353	2.095	1.876	2.091	2.026	2.022	2.132	1.737	1.618	1.738
December	2.559	2.536	W	2.005	1.795	1.994	2.035	2.030	1.978	1.694	1.609	1.694
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
2020	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
2021												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	R2.768	W	2.310	R2.518	2.766	2.745	R2.508	2.178	W	2.184
July	W	W	2.913	W	2.450	2.642	2.890	2.870	2.634	2.274	W	2.282

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4
June	13.3	13.6	3.5	173.5	8.0	185.0	0.7	0.8	0.1	1.3	-	1.4
July	13.3	13.6	3.6	175.5	7.7	186.8	0.7	0.8	0.0	1.4	-	1.4
August	13.9	14.2	3.6	177.6	8.6	189.8	0.8	0.8	0.0	1.3	-	1.4
September	13.0	13.3	3.4	168.5	9.2	181.0	0.7	0.7	0.0	1.2	-	1.2
October	13.2	13.6	3.4	172.7	9.7	185.9	0.7	0.7	0.0	1.1	-	1.2
November	13.0	13.3	3.3	168.6	10.2	182.1	0.7	0.7	0.0	1.1	-	1.1
December	12.6	12.8	W	164.5	W	179.5	0.7	0.7	0.0	1.1	-	1.1
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
2020	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
2021												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	R180.4	W	R190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.8	15.1	15.4	4.3	193.3	12.5	210.1
June	1.0	1.1	0.8	19.1	1.4	21.2	15.1	15.5	4.3	194.0	9.3	207.6
July	1.0	1.1	0.8	19.9	1.2	21.9	15.1	15.4	4.4	196.8	8.9	210.1
August	1.1	1.1	0.8	20.0	1.3	22.2	15.8	16.2	4.5	198.9	9.9	213.4
September	1.0	1.1	0.7	19.0	1.2	20.9	14.8	15.1	4.2	188.7	10.3	203.2
October	1.0	1.0	0.7	18.8	1.3	20.8	15.0	15.3	4.2	192.6	11.0	207.9
November	0.9	1.0	0.7	18.0	1.2	20.0	14.7	15.0	4.1	187.7	11.4	203.2
December	0.9	0.9	W	18.0	W	20.4	14.2	14.5	4.0	183.6	13.3	201.0
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.7	11.9	3.2	168.7	6.8	178.6
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	R24.2	W	W	W	R203.7	W	R215.5
July	W	W	0.9	W	W	24.3	W	W	W	204.7	W	216.1

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462
June	2.593	2.586	2.538	1.927	1.886	2.025	2.871	2.871	2.716	2.084	-	2.219
July	2.538	2.532	2.448	1.998	1.992	2.070	2.807	2.807	2.658	2.148	-	2.249
August	2.427	2.421	2.342	1.809	1.814	1.896	2.732	2.732	2.534	1.986	-	2.096
September	2.400	2.393	2.489	1.845	1.979	1.954	2.748	2.748	2.723	2.091	-	2.223
October	2.543	2.534	2.789	1.870	2.122	2.026	2.955	2.955	3.023	2.145	-	2.344
November	2.462	2.455	2.581	1.795	1.916	1.926	2.823	2.822	2.779	2.038	-	2.214
December	2.319	2.313	2.288	1.743	W	1.834	2.652	2.652	2.490	1.936	-	2.067
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.442	-	1.579
2020	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
2021												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	R2.240	W	R2.336	W	W	W	R2.410	-	R2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.599

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317
June	3.042	3.034	2.782	2.249	2.194	2.379	2.692	2.685	2.594	1.975	1.923	2.082
July	2.977	2.971	2.720	2.329	2.297	2.424	2.635	2.630	2.510	2.047	2.036	2.128
August	2.903	2.895	2.611	2.146	2.175	2.261	2.535	2.529	2.404	1.860	1.865	1.956
September	2.923	2.914	2.775	2.211	2.354	2.352	2.523	2.516	2.555	1.901	2.031	2.020
October	3.140	3.128	3.058	2.248	2.453	2.445	2.680	2.671	2.849	1.927	2.185	2.095
November	3.018	3.009	2.834	2.152	2.190	2.314	2.585	2.578	2.638	1.850	1.972	1.991
December	2.841	2.834	W	2.056	2.008	2.177	2.435	2.429	2.349	1.791	1.837	1.892
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
2020	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
2021												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	R2.712	W	W	2.953	R2.294	W	R2.403
July	W	W	3.254	W	W	2.769	W	W	3.015	2.354	W	2.462

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6
June	7.0	7.0	13.5	67.2	2.9	83.6	0.9	0.9	0.1	0.5	-	0.6
July	6.9	6.9	13.2	65.8	2.3	81.3	0.9	0.9	0.1	0.5	-	0.6
August	7.1	7.2	13.7	68.3	2.5	84.4	0.9	0.9	0.1	0.5	-	0.6
September	6.4	6.5	13.4	66.5	2.4	82.3	0.9	0.9	0.1	0.5	-	0.6
October	6.4	6.4	13.3	66.2	1.6	81.1	0.8	0.8	0.1	0.4	-	0.5
November	6.6	6.6	13.1	65.4	1.5	79.9	0.8	0.8	0.1	0.4	-	0.5
December	6.5	6.6	W	63.3	W	77.8	0.8	0.8	0.1	0.4	-	0.5
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
2020	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
2021												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	R64.4	W	R79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1
June	1.5	1.5	3.9	11.6	0.4	16.0	9.4	9.5	17.6	79.3	3.3	100.2
July	1.5	1.5	3.8	11.5	0.4	15.7	9.3	9.4	17.1	77.8	2.7	97.6
August	1.6	1.6	4.0	12.0	0.4	16.4	9.6	9.7	17.8	80.8	2.9	101.4
September	1.5	1.5	3.9	11.8	0.4	16.1	8.8	8.9	17.5	78.7	2.8	98.9
October	1.4	1.4	3.7	11.6	0.4	15.7	8.6	8.7	17.1	78.2	2.0	97.4
November	1.4	1.4	3.7	11.6	0.4	15.7	8.8	8.9	16.9	77.4	1.8	96.1
December	1.4	1.4	W	11.3	W	15.4	8.8	8.9	16.8	74.9	1.9	93.6
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
2020	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
2021												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	R16.9	W	W	W	R77.3	W	R96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.635	1.505
June	W	W	1.527	1.367	1.601	1.372
July	W	1.455	1.572	1.492	1.625	1.489
August	W	1.331	1.345	1.235	1.466	1.247
September	W	W	1.511	1.325	1.560	1.337
October	W	1.535	1.393	1.188	1.543	1.263
November	W	1.681	1.364	1.220	1.594	1.353
December	W	1.758	1.543	1.460	1.745	1.597
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
2020	W	1.186	1.090	1.066	1.246	1.143
2021						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	R1.909	1.608	1.650	1.867	R1.783
July	W	1.852	1.721	1.766	1.969	1.818

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.0	7.4
June	W	W	W	W	3.3	7.7
July	W	0.4	W	6.1	2.8	6.5
August	W	1.0	W	7.3	2.6	8.4
September	W	W	W	W	3.2	7.5
October	W	1.7	W	6.1	2.8	7.7
November	W	2.1	W	5.2	2.4	7.2
December	W	2.8	W	3.3	2.1	6.1
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
2020	W	3.9	W	2.2	2.1	6.1
2021						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	R3.0	W	2.8	2.2	R5.8
July	W	2.5	W	1.6	1.8	4.1

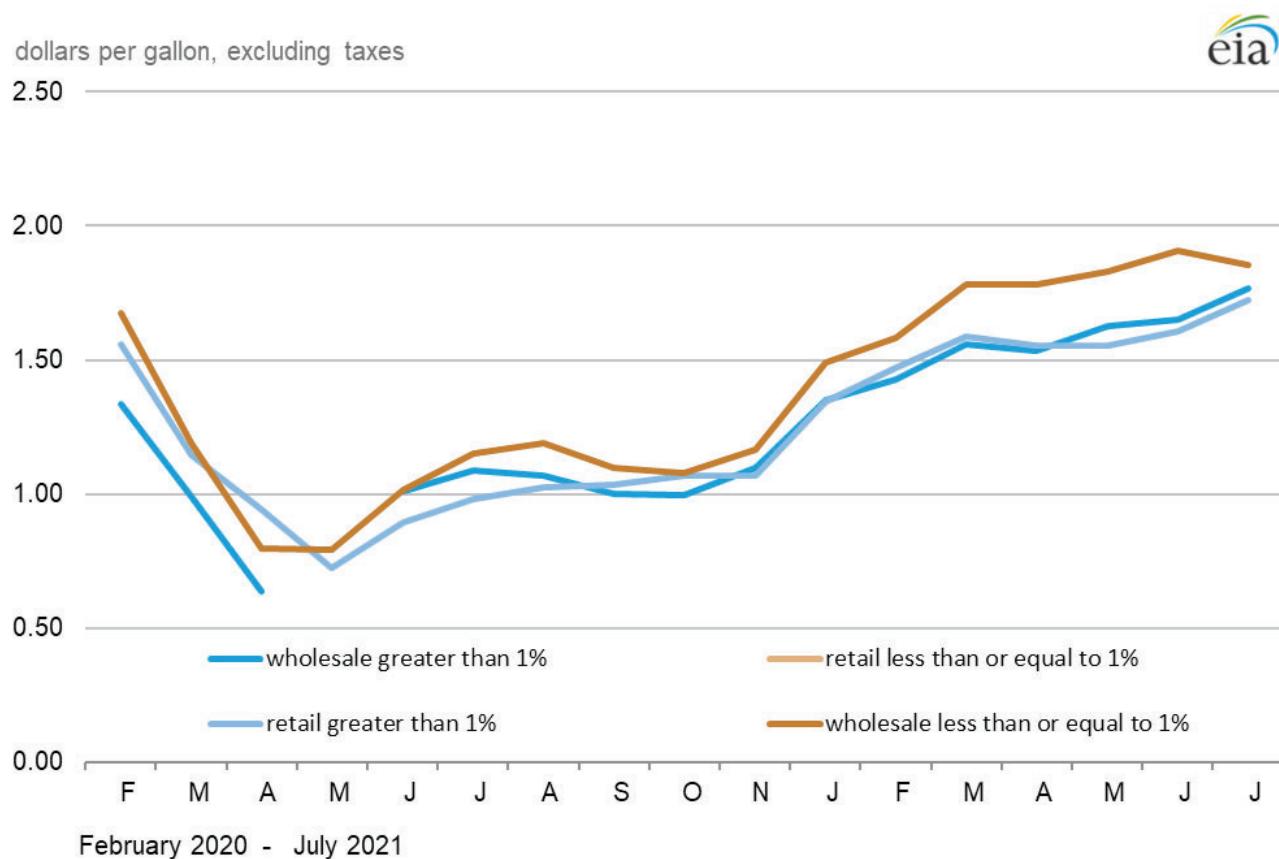
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	48.00	47.66	46.09	W	45.91	43.93	46.06	48.07	47.82	46.96	48.30	50.98	44.76
February	52.60	52.30	49.49	W	49.40	47.13	51.79	51.68	51.35	50.52	51.72	54.39	48.29
March	57.46	57.29	52.74	W	52.25	49.93	54.85	54.69	54.41	53.53	54.84	57.44	51.55
April	63.00	62.95	58.23	W	58.22	55.38	60.94	60.39	60.11	59.25	60.49	63.23	57.32
May	59.73	59.54	55.96	W	55.50	53.64	57.61	57.40	57.19	56.52	57.64	60.18	54.59
June	54.34	54.21	49.61	W	49.53	46.60	51.56	54.56	56.78	50.40	53.48	54.15	48.31
July	56.47	56.39	52.84	W	52.64	50.37	54.01	52.62	51.59	53.00	53.95	56.86	50.99
August	53.63	53.69	49.33	W	49.07	47.49	51.21	52.96	53.52	50.39	51.64	54.15	48.39
September	55.14	55.12	50.74	W	51.43	48.91	52.80	52.20	51.50	52.24	52.52	56.37	50.28
October	53.14	53.11	50.99	W	51.06	48.76	49.51	52.21	52.70	49.79	50.81	53.01	47.53
November	54.96	54.84	50.17	W	51.06	48.48	52.53	51.98	51.01	52.76	52.13	56.08	50.64
December	58.41	58.36	52.74	W	53.71	50.71	56.31	54.92	53.94	55.50	54.97	58.81	53.36
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020													
January	56.55	56.55	50.01	W	49.82	49.15	54.23	55.74	55.94	53.68	54.12	56.54	51.24
February	49.66	49.75	43.16	W	43.23	42.15	47.03	51.94	53.46	47.66	48.98	49.40	44.16
March	31.01	30.79	23.42	W	23.42	22.45	28.21	27.30	27.13	26.48	26.55	28.07	24.22
April	15.18	15.38	10.34	W	11.07	9.38	12.72	16.22	16.29	14.40	16.64	15.73	11.81
May	18.02	17.83	17.75	W	20.22	16.43	19.08	25.65	24.92	22.80	24.33	27.89	20.50
June	33.81	34.26	25.01	W	31.63	22.52	34.80	35.02	34.78	33.51	34.32	37.55	31.58
July	37.44	37.88	30.10	W	32.47	29.49	36.96	37.39	37.25	36.38	36.07	39.93	34.28
August	39.37	39.61	31.15	W	34.42	30.43	38.14	38.91	38.65	37.89	37.52	41.57	35.92
September	36.82	37.10	28.42	W	30.65	27.12	35.64	36.34	36.18	35.34	35.04	38.83	33.41
October	36.39	36.74	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.25	38.53	30.13	W	32.48	28.89	37.34	38.04	37.81	36.99	36.55	40.33	34.81
December	43.92	44.15	36.09	W	38.06	35.02	43.63	43.94	43.72	42.87	42.50	45.89	40.68
2020	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
2021													
January	49.73	49.94	42.24	W	43.48	41.56	48.86	48.58	48.27	47.56	47.06	50.95	45.56
February	56.72	57.06	49.13	W	50.23	48.76	56.04	55.86	55.65	54.95	54.36	57.96	52.69
March	60.67	60.96	53.66	W	54.11	52.78	59.93	59.27	59.13	58.48	57.38	61.47	56.27
April	59.87	60.10	54.00	W	54.25	53.32	58.21	58.30	58.10	57.55	56.50	61.07	55.40
May	62.80	63.04	57.37	W	57.70	56.73	61.21	61.78	61.58	60.90	59.97	65.27	58.80
June	R68.57	68.92	64.19	W	64.23	63.87	67.31	R68.04	R67.72	67.28	R65.46	70.33	65.14
July	70.15	70.39	65.09	W	65.79	64.28	68.81	69.43	69.33	68.80	66.34	72.18	66.47

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)					PAD District 3					Federal	
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	48.88	43.67	47.61	52.73	46.47	53.89	52.65	41.86	46.03	54.13
February	51.76	50.40	52.16	49.40	51.83	56.14	50.06	57.44	56.24	47.93	50.85	56.33
March	54.84	53.41	55.16	51.94	57.70	60.19	52.83	61.24	60.19	54.89	56.80	61.22
April	61.16	58.88	60.97	58.29	63.31	66.01	58.27	67.13	65.72	60.16	62.63	66.35
May	57.34	56.11	58.42	55.72	59.71	62.18	55.49	63.60	62.10	55.39	58.48	65.08
June	51.16	49.99	52.39	49.29	54.68	57.63	49.55	58.67	57.20	49.26	52.78	62.54
July	53.71	52.55	54.99	51.86	56.83	59.30	51.91	60.47	59.03	53.94	56.27	60.27
August	50.61	50.12	52.49	48.98	54.27	54.77	49.61	56.63	55.05	51.38	53.11	58.92
September	51.85	51.85	54.69	50.18	55.58	55.38	51.23	57.62	55.98	53.89	55.05	58.02
October	47.92	50.56	52.22	47.20	53.97	55.13	48.68	57.94	53.21	52.30	53.47	56.31
November	51.31	52.21	55.02	50.79	55.28	54.62	48.07	57.21	55.52	55.37	55.30	55.13
December	55.85	54.68	57.58	53.19	58.87	58.76	54.13	61.33	58.77	58.31	59.01	58.63
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
2020												
January	53.65	51.07	55.78	50.88	57.12	56.23	52.23	59.04	56.07	56.55	57.25	57.03
February	46.18	44.01	48.60	43.81	50.57	49.17	45.05	51.70	49.68	49.44	49.88	53.16
March	28.64	24.30	28.14	23.66	31.77	28.68	24.67	31.15	28.75	29.83	30.34	37.10
April	11.76	12.44	14.28	10.05	15.95	12.59	12.74	16.12	14.14	15.32	14.75	19.62
May	18.03	21.17	19.96	10.31	16.95	18.03	22.15	20.97	20.80	17.24	16.92	16.60
June	35.98	31.29	33.77	33.96	34.04	34.52	32.59	36.55	36.08	33.98	34.90	31.49
July	36.80	33.43	37.87	34.80	38.11	36.19	35.46	39.15	37.76	37.69	38.37	37.54
August	37.66	35.52	39.51	36.11	40.06	38.23	36.80	40.66	39.95	39.95	39.98	40.56
September	35.36	33.12	36.68	33.13	37.56	35.48	34.54	38.50	37.18	37.31	37.09	39.27
October	35.02	33.45	36.62	33.30	37.15	35.15	34.23	37.81	36.70	37.14	36.97	37.94
November	36.98	34.75	38.45	35.17	38.83	36.79	36.16	39.51	39.04	38.68	38.77	39.11
December	43.57	40.66	44.27	40.66	44.23	42.46	41.60	45.35	44.45	44.35	44.64	43.02
2020	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17	37.96
2021												
January	48.93	45.39	49.40	45.76	50.20	47.99	45.56	50.68	49.48	49.89	50.41	49.87
February	56.14	52.47	56.58	52.90	57.32	55.29	53.01	58.36	56.60	57.07	57.80	56.39
March	60.19	56.64	60.18	57.08	61.24	59.20	56.62	61.70	60.72	61.45	61.30	60.99
April	57.74	55.91	59.49	56.62	60.53	58.61	55.46	61.24	59.90	60.29	60.36	61.25
May	60.53	59.31	62.72	59.50	63.42	61.61	58.92	64.08	62.70	63.44	63.48	63.27
June	66.53	65.73	69.01	65.71	69.28	67.73	65.27	70.18	68.75	69.57	69.49	68.53
July	68.06	67.18	70.37	67.58	70.80	69.67	66.70	71.50	69.98	71.13	70.78	70.71

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				Federal Offshore CA	
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Offshore CA	
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97	
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99	
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78	
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32	
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38	
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03	
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25	
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23	
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48	
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37	
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39	
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68	
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59	
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80	
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01	
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04	
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40	
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55	
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62	
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W	
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W	
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W	
2019											
January	44.13	45.47	42.10	43.26	43.17	55.24	53.34	W	57.72	W	
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W	
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W	
April	58.16	58.06	58.12	54.70	59.70	66.53	63.91	W	69.74	W	
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W	
June	48.69	48.59	48.18	47.75	49.33	58.91	56.56	W	61.87	W	
July	51.46	51.45	51.12	48.43	52.41	60.32	57.87	W	63.17	W	
August	48.66	48.73	48.50	46.37	49.54	55.63	52.22	W	58.53	W	
September	50.56	51.18	50.34	47.81	51.00	57.94	55.37	W	61.24	W	
October	47.74	48.13	45.82	46.81	48.00	56.16	53.66	W	59.55	W	
November	50.53	50.39	49.67	49.59	51.20	58.93	56.76	W	62.10	W	
December	52.93	53.51	52.43	49.82	53.52	61.27	59.08	W	64.51	W	
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W	
2020											
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W	
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W	
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W	
April	11.19	9.53	9.95	18.69	10.79	15.33	12.29	W	19.50	W	
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W	
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W	
July	34.90	36.04	33.81	33.89	35.03	35.05	31.07	-	40.37	W	
August	36.93	37.99	35.57	37.49	36.45	38.35	35.80	-	41.65	W	
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W	
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W	
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W	
December	41.90	42.91	40.21	41.96	41.82	43.44	40.64	-	47.61	W	
2020	33.33	31.40	33.21	34.91	34.34	36.65	33.98	W	40.21	W	
2021											
January	46.97	47.83	45.03	47.76	46.65	49.10	46.69	-	52.85	W	
February	53.49	54.73	52.09	53.06	53.52	55.48	52.37	-	60.28	W	
March	57.05	58.09	56.39	56.25	57.21	59.34	56.52	-	63.87	W	
April	56.65	56.92	56.76	55.35	57.17	58.92	56.04	-	62.95	W	
May	60.01	60.63	59.43	57.84	60.88	61.93	59.16	-	66.26	W	
June	R65.81	R66.83	R65.23	63.42	R66.70	66.78	63.73	-	71.54	W	
July	66.93	67.40	66.34	64.30	68.25	68.60	65.90	-	72.21	W	

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 19. Domestic crude oil first purchase prices for selected crude streams
dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.16	42.07	44.04
February	56.99	60.94	60.26	58.99	57.25	55.07	49.27	48.28	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.67	55.51	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.61	61.31	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.56	56.74	56.88
June	56.56	61.31	60.16	61.02	59.18	60.54	51.69	50.49	50.22
July	57.87	62.73	61.55	62.53	60.72	59.13	55.45	54.60	53.20
August	52.22	58.66	57.61	59.12	56.31	57.42	52.72	52.40	50.21
September	55.37	60.86	57.99	59.77	57.00	56.86	54.71	54.63	51.62
October	53.66	59.93	56.92	58.32	56.31	54.87	53.17	52.56	47.90
November	56.76	62.28	59.39	56.78	55.41	53.71	54.57	55.37	51.87
December	59.08	64.65	61.29	61.03	57.88	57.48	58.89	58.62	54.38
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020									
January	56.49	63.23	60.51	57.87	56.25	55.40	57.39	56.50	52.01
February	48.24	53.93	50.70	53.15	48.50	50.45	50.00	49.17	45.03
March	34.68	31.47	28.50	35.58	31.74	32.24	31.48	29.32	24.97
April	12.29	W	16.53	18.17	15.64	15.13	15.54	14.76	11.07
May	20.52	W	26.82	15.76	19.84	17.35	17.05	15.61	22.08
June	26.24	W	37.47	31.77	36.45	33.21	35.06	36.21	33.96
July	31.07	W	39.89	35.91	38.30	38.37	38.45	38.36	34.98
August	35.80	W	40.60	39.85	40.63	41.31	40.18	40.47	36.53
September	31.90	W	38.12	36.78	37.45	39.28	37.34	37.62	33.66
October	30.82	W	37.93	36.84	37.46	37.89	37.08	37.39	34.35
November	34.69	W	39.95	38.00	39.53	39.69	38.86	39.30	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.68	45.31	42.32
2020	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
2021									
January	46.69	W	51.75	52.07	51.03	50.66	50.63	51.00	47.30
February	52.37	W	59.16	59.18	58.35	57.88	58.17	58.57	54.41
March	56.52	W	63.00	63.49	62.13	61.17	61.81	61.83	57.94
April	56.04	W	61.82	63.13	61.46	60.76	60.84	60.31	57.65
May	59.16	W	65.25	65.54	64.46	63.92	63.88	64.00	61.42
June	63.73	W	70.41	71.68	70.51	69.89	69.79	70.18	R67.46
July	65.90	W	70.97	72.91	71.79	70.90	71.50	71.21	69.17

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019						
January	57.16	57.06	52.95	49.72	44.84	47.48
February	61.16	60.50	56.72	53.70	49.98	52.79
March	64.70	64.14	59.90	59.55	55.98	57.24
April	69.29	68.82	63.69	64.91	61.84	63.14
May	68.10	68.18	62.42	61.94	57.90	59.15
June	61.37	60.74	56.25	57.05	52.07	53.40
July	62.78	62.42	57.57	58.11	55.61	56.36
August	58.71	58.56	51.98	56.02	52.83	52.80
September	60.34	60.36	55.15	56.69	54.71	54.55
October	59.30	58.62	53.43	54.73	53.02	51.66
November	61.69	61.14	56.49	55.07	54.55	54.67
December	64.01	63.33	58.76	58.76	58.67	58.34
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.29	57.08	56.25
February	53.45	52.84	47.92	50.78	49.70	48.82
March	31.20	31.18	34.22	32.28	31.03	28.50
April	19.11	18.77	12.23	15.93	15.41	13.69
May	27.48	27.74	20.53	16.66	17.66	18.24
June	37.99	38.53	26.44	33.97	35.16	35.43
July	39.84	39.61	31.16	37.83	38.31	37.95
August	41.36	41.53	35.80	40.75	40.04	39.46
September	38.78	38.94	31.88	38.37	37.20	36.79
October	38.42	38.59	30.86	37.57	36.99	36.67
November	40.46	40.71	34.68	39.20	38.80	38.53
December	47.14	47.21	40.61	44.60	44.62	44.60
2020	40.03	40.15	33.93	37.44	37.34	36.74
2021						
January	52.30	52.09	46.61	51.02	50.50	49.91
February	59.63	60.06	52.29	58.29	57.99	56.97
March	63.21	63.47	56.45	62.13	61.66	60.91
April	62.20	62.85	55.96	61.18	60.72	59.42
May	65.45	65.92	59.10	64.21	63.81	62.43
June	70.80	71.51	63.67	70.23	R69.73	68.53
July	71.83	72.24	65.80	71.41	71.42	69.99

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.25	58.54	54.94	46.13
February	-	56.59	58.52	W	W	W	62.58	63.09	51.63	
March	-	61.28	60.66	W	67.34	W	-	65.62	65.95	55.66
April	-	67.09	63.13	W	70.60	70.45	-	68.89	70.54	59.56
May	W	65.40	62.16	70.81	W	69.74	-	65.97	67.80	59.17
June	W	61.09	58.75	W	W	W	-	62.67	63.28	51.82
July	W	W	58.93	W	W	W	-	62.08	63.82	52.32
August	-	59.37	50.72	W	59.24	W	-	57.90	59.51	50.47
September	-	W	56.73	W	60.27	W	-	58.79	59.66	51.05
October	-	W	51.74	W	W	W	-	56.42	58.30	48.81
November	-	59.42	51.24	W	60.69	W	-	58.47	60.86	49.22
December	-	58.95	55.23	-	63.59	W	-	61.63	61.72	50.26
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020										
January	-	56.90	53.70	W	49.26	W	-	50.36	51.96	46.61
February	-	W	47.74	W	W	W	-	51.87	53.40	40.68
March	W	27.34	28.59	W	W	W	-	24.18	28.56	23.61
April	W	19.88	12.25	W	21.44	-	-	21.44	22.92	12.23
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.59	41.17	32.84
July	-	W	37.95	W	42.98	-	-	40.60	41.32	36.08
August	-	40.34	40.16	W	W	-	-	W	44.02	37.20
September	-	37.36	38.42	W	W	-	-	W	41.19	35.82
October	W	W	37.12	W	-	-	-	-	40.10	34.01
November	-	W	39.55	-	-	W	-	W	W	36.36
December	W	W	45.09	W	W	-	-	W	52.06	40.99
2020	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
2021										
January	-	W	50.54	W	55.18	-	-	54.23	55.26	45.40
February	-	W	56.46	W	60.73	W	-	58.53	60.66	52.03
March	-	W	59.46	W	W	-	-	62.12	63.76	56.49
April	-	62.48	59.54	W	65.55	-	-	63.85	64.57	56.49
May	W	W	62.26	72.66	R67.70	-	-	R66.13	R68.01	R60.31
June	W	W	R67.27	W	R71.70	W	-	R71.01	R72.47	R64.02
July	W	W	68.57	W	W	-	-	W	74.55	65.16

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries									Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela				
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45	
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22	
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51	
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80	
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17	
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97	
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68	
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29	
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31	
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14	
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96	
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59	
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58	
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68	
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64	
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05	
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99	
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67	
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09	
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09	
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67	
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27	
2019												
January	-	40.33	56.26	56.12	W	61.69	W	51.68	59.80	57.34	45.44	
February	-	50.48	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.82	
March	-	54.61	64.65	61.82	W	67.50	W	55.25	65.81	65.30	57.85	
April	W	59.01	69.08	64.18	75.99	69.74	73.00	-	68.83	69.89	62.21	
May	72.84	58.49	68.17	62.81	72.66	67.93	71.30	W	67.05	68.82	62.19	
June	W	50.84	65.87	59.32	69.37	65.06	65.41	-	63.71	65.04	55.30	
July	W	51.14	64.10	59.50	67.57	64.14	64.63	-	63.83	64.76	55.02	
August	-	50.68	59.22	51.59	65.76	61.59	W	-	60.87	61.75	52.99	
September	W	50.64	58.77	57.73	66.34	61.59	64.40	-	61.03	61.58	53.27	
October	W	49.64	57.88	53.03	65.73	62.36	63.06	-	59.89	60.99	51.93	
November	W	49.20	60.91	52.57	69.20	64.85	W	-	62.06	62.97	51.97	
December	-	48.36	62.66	56.78	W	65.83	W	-	63.23	63.52	52.13	
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65	
2020												
January	W	45.70	62.93	55.93	W	53.68	W	-	55.30	56.42	50.32	
February	-	39.83	54.16	49.66	54.23	55.20	W	-	54.48	54.45	43.29	
March	W	23.51	34.75	29.42	W	24.34	W	-	27.39	28.49	26.76	
April	30.93	13.35	23.24	13.73	W	22.98	W	-	23.42	23.99	15.55	
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75	
June	-	34.85	33.13	35.04	W	40.23	W	-	41.20	41.61	35.20	
July	-	37.69	37.64	38.72	W	43.64	45.81	-	42.95	43.61	38.42	
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86	
September	W	35.66	38.27	39.01	W	43.13	W	-	41.83	42.13	37.66	
October	W	35.63	38.29	37.53	W	44.98	W	-	43.49	42.11	36.68	
November	W	36.98	43.35	40.06	W	W	48.92	-	43.86	45.41	38.87	
December	W	41.59	46.62	45.76	53.81	54.19	51.22	-	51.59	52.89	43.75	
2020	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95	
2021												
January	W	46.06	W	51.32	W	58.83	-	-	57.43	58.18	48.21	
February	-	51.58	60.79	57.08	W	62.72	66.55	-	60.95	62.41	54.46	
March	W	56.03	W	60.74	W	65.49	W	-	64.56	65.26	58.25	
April	-	57.36	64.38	60.30	68.45	69.04	W	-	66.60	67.17	59.60	
May	70.56	R60.48	R66.44	63.05	R72.44	R70.61	W	-	R69.15	R70.09	R62.58	
June	W	R64.53	R69.84	R68.09	W	R71.69	W	-	R71.85	R73.11	R66.57	
July	W	64.94	71.74	69.18	W	70.41	76.48	-	70.63	73.18	67.31	

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019							
January	48.18	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.78	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	64.17	57.03	W	W
April	59.61	57.29	62.14	66.71	65.05	71.65	W
May	59.94	57.95	61.84	65.10	61.31	68.69	W
June	53.79	50.17	55.28	61.36	58.20	63.80	W
July	53.57	51.11	58.63	60.81	53.70	65.61	W
August	48.72	48.47	53.90	58.52	53.30	W	W
September	51.78	49.76	52.20	58.19	52.37	W	W
October	46.40	47.17	52.20	58.92	53.13	59.88	W
November	49.64	46.43	54.53	60.15	57.24	65.89	W
December	48.69	47.17	53.35	61.29	56.70	W	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.29	45.17	52.21	38.00	-	W
March	21.99	21.67	30.18	30.46	28.58	-	W
April	11.33	9.06	16.66	20.14	19.93	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	31.92	35.24	37.37	35.07	W	W
July	32.43	35.65	34.95	39.54	40.81	W	-
August	34.78	36.71	35.24	41.32	39.88	-	W
September	30.98	34.16	32.19	39.60	39.25	W	-
October	31.30	33.30	34.56	38.04	37.65	W	W
November	32.37	34.98	32.44	40.31	39.20	W	W
December	37.68	39.34	41.98	45.65	47.06	-	W
2020	29.67	31.85	35.78	38.34	35.58	45.09	W
2021							
January	40.45	43.73	46.81	52.06	51.31	-	W
February	50.99	49.44	57.70	57.01	60.65	W	W
March	55.12	54.23	58.50	61.74	62.93	W	W
April	53.63	54.26	55.33	63.65	64.12	W	W
May	R56.50	57.79	64.10	R66.69	R67.65	-	W
June	R60.16	R61.76	R68.25	R69.37	R71.52	-	W
July	60.69	63.05	70.01	71.05	73.08	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.52	59.38	61.09	55.65	61.35	W
March	57.67	55.82	61.24	64.52	60.98	63.21	W
April	61.67	60.59	65.70	67.95	65.63	71.06	70.32
May	64.18	60.96	66.20	66.78	64.57	68.48	W
June	56.90	53.00	60.90	63.03	60.18	63.93	W
July	56.50	53.46	61.99	61.85	55.80	65.94	W
August	52.24	50.56	58.23	60.60	58.39	59.54	W
September	54.80	51.17	57.12	59.85	56.27	62.23	63.05
October	50.71	50.15	56.19	60.82	55.61	59.30	64.88
November	53.19	49.06	57.11	62.56	57.88	63.45	W
December	54.44	48.60	55.65	62.15	60.66	63.04	65.00
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	57.39	54.81	62.71	W
February	42.58	40.73	47.63	52.71	46.42	W	W
March	26.39	24.85	32.47	28.46	32.59	W	23.27
April	15.15	12.60	19.57	22.31	25.59	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.67	37.81	47.86	W
July	36.88	37.80	37.46	41.25	43.68	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	36.17	37.70	41.04	42.18	47.59	W
October	36.15	35.53	38.15	40.10	40.01	44.92	W
November	37.28	37.19	40.46	42.65	44.29	54.70	W
December	43.11	41.87	44.76	48.55	50.57	55.87	W
2020	34.60	34.13	38.84	39.12	40.34	47.97	44.32
2021							
January	47.47	46.42	48.45	54.37	53.76	51.47	65.17
February	54.16	51.83	57.88	59.85	60.94	W	64.88
March	58.70	55.94	61.25	63.39	63.25	W	66.11
April	58.35	57.05	60.61	66.10	66.76	66.64	W
May	R62.14	R59.92	R64.36	R68.72	R69.43	R69.52	73.56
June	R65.84	R64.19	R69.78	R71.29	R71.31	72.29	W
July	65.74	64.93	70.43	72.11	72.56	73.20	-

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Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 25. Percentages of total imported crude oil by API gravity
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019							
January	16.18	37.86	11.25	23.39	8.05	1.46	1.82
February	8.61	44.72	11.94	22.25	8.57	W	W
March	10.56	41.61	15.83	21.04	7.41	W	W
April	9.44	46.64	9.07	19.88	10.28	3.07	1.62
May	14.60	41.48	9.74	18.87	12.32	W	W
June	11.06	44.41	9.04	20.71	10.21	W	W
July	9.94	45.85	12.24	18.07	10.33	W	W
August	12.05	41.51	13.01	20.49	10.56	W	W
September	14.75	40.12	10.31	19.37	11.15	2.72	1.59
October	15.36	44.78	9.78	18.83	6.85	2.06	2.35
November	14.43	43.26	13.00	18.11	6.67	W	W
December	11.85	48.61	10.65	19.08	6.96	0.82	2.04
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.06	51.03	9.75	20.95	4.59	W	W
February	11.81	49.41	9.85	21.62	4.36	W	W
March	12.83	46.85	9.76	25.25	4.01	W	W
April	13.70	41.56	6.88	30.36	5.43	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.41	46.63	10.74	23.26	5.22	W	W
July	12.03	50.00	9.26	19.89	5.70	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.17	42.32	7.11	21.59	8.37	W	W
October	12.56	53.37	9.27	14.05	7.33	W	W
November	11.54	53.27	7.43	20.29	4.76	W	W
December	12.57	45.31	10.30	21.56	7.37	W	W
2020	12.82	47.40	8.92	22.32	5.75	1.38	1.41
2021							
January	8.16	49.99	8.83	24.63	6.41	0.75	1.23
February	11.56	48.27	6.04	22.55	7.58	W	W
March	11.09	49.73	6.96	21.14	7.87	W	W
April	11.57	46.32	6.59	21.58	11.26	W	W
May	R7.54	R47.07	R7.43	R22.84	R12.79	R1.00	R1.32
June	R10.12	R47.32	R6.09	R23.23	R10.49	W	W
July	11.95	47.86	5.06	25.32	8.62	1.19	-

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R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
1st quarter average	-	W	58.80	-	-
April	-	W	64.15	-	-
May	-	W	62.84	-	-
June	-	W	59.11	-	-
2nd quarter average	-	64.52	61.91	-	-
July	-	W	59.37	-	-
August	-	W	51.23	-	-
September	-	W	57.22	-	-
3rd quarter average	-	W	55.73	-	-
October	W	W	52.93	-	-
November	-	W	51.95	-	-
December	-	W	55.43	-	-
4th quarter average	W	W	53.53	-	-
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	37.13	-	-
November	W	W	39.29	-	-
December	W	W	45.56	-	-
4th quarter average	W	W	40.64	-	-
2020	W	W	36.74	W	-
2021					
January	-	W	50.26	-	-
February	-	W	57.07	W	-
March	-	W	59.55	-	-
1st quarter average	-	W	55.42	W	-
April	W	W	59.00	-	-
May	-	64.63	62.11	W	-
June	-	W	R66.72	W	-
2nd quarter average	W	65.41	R62.85	W	-
July	-	-	68.26	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 27. Landed costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
1st quarter average	W	-	43.75	50.56	W
April	W	-	56.67	61.22	W
May	W	-	56.50	59.98	-
June	-	-	46.91	51.74	-
2nd quarter average	W	-	53.87	58.25	W
July	-	-	48.33	53.33	-
August	-	-	46.97	53.20	-
September	-	-	W	54.58	-
3rd quarter average	-	-	47.54	53.74	-
October	W	-	45.81	50.40	W
November	-	-	44.03	53.83	-
December	-	-	W	53.95	-
4th quarter average	W	-	43.39	52.51	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.34	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.60	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	39.97	W
December	W	-	40.18	44.89	W
4th quarter average	W	-	35.59	40.78	W
2020	W	-	30.27	35.88	W
2021					
January	W	-	W	49.30	W
February	W	-	W	56.92	-
March	W	-	53.42	60.14	W
1st quarter average	W	-	47.61	53.47	W
April	W	-	52.71	62.94	W
May	W	-	55.55	64.81	W
June	-	-	R58.68	R69.26	W
2nd quarter average	W	-	R55.59	R65.80	W
July	-	-	60.91	70.95	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018	67.94	65.09	65.43	63.62	-
2019					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	63.17	62.40	-
1st quarter average	60.53	52.95	59.94	59.85	-
April	W	W	67.21	64.75	-
May	69.55	67.56	65.51	63.34	-
June	63.79	W	62.79	59.56	-
2nd quarter average	67.80	63.28	65.70	62.62	-
July	64.23	W	63.29	59.86	W
August	60.62	59.82	60.42	52.03	W
September	60.01	58.58	60.75	58.19	-
3rd quarter average	61.88	59.86	61.65	56.47	W
October	60.92	55.04	57.63	53.97	-
November	62.31	59.01	58.32	52.95	-
December	65.02	60.40	60.49	56.89	-
4th quarter average	62.50	58.61	58.73	54.59	-
2019	62.80	58.80	61.37	58.45	W
2020					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.49	-
March	40.38	30.08	38.05	28.62	-
1st quarter average	53.79	45.07	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
2nd quarter average	W	20.25	40.99	25.71	-
July	41.62	-	42.97	38.79	-
August	44.31	W	42.30	40.97	-
September	42.45	W	40.32	39.12	-
3rd quarter average	42.88	41.16	42.10	39.72	-
October	40.76	W	W	37.49	-
November	42.83	W	41.13	39.70	-
December	48.98	W	47.25	46.12	-
4th quarter average	44.55	43.52	43.01	41.08	-
2020	44.49	40.60	45.41	37.54	-
2021					
January	58.25	53.23	W	50.99	-
February	W	W	W	57.52	-
March	64.45	64.06	63.36	60.68	-
1st quarter average	61.83	58.91	59.68	56.04	-
April	66.21	62.72	W	59.56	-
May	W	W	R67.04	62.74	W
June	R72.99	W	W	R67.35	-
2nd quarter average	R68.65	R66.23	R68.88	R63.45	W
July	W	W	W	68.82	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)
dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	68.93	66.42	66.94	-
1st quarter average	-	64.87	65.38	62.49	W
April	-	W	67.16	72.41	-
May	W	W	W	W	-
June	W	W	63.53	W	-
2nd quarter average	W	W	65.29	70.87	-
July	-	W	W	W	-
August	W	62.47	W	W	-
September	-	W	60.30	W	-
3rd quarter average	W	64.04	60.56	W	-
October	-	63.05	W	W	-
November	-	65.48	W	W	-
December	-	65.56	W	67.53	-
4th quarter average	-	64.62	63.33	66.11	-
2019	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	55.70	W	W	-
March	-	24.85	22.09	W	-
1st quarter average	-	40.69	27.52	W	-
April	-	22.79	20.55	W	-
May	W	31.84	28.07	W	-
June	-	W	42.13	-	-
2nd quarter average	W	27.85	27.92	W	-
July	W	W	42.47	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
3rd quarter average	W	43.56	42.42	W	-
October	-	W	W	-	-
November	W	W	W	W	-
December	-	54.70	W	W	-
4th quarter average	W	48.49	W	W	-
2020	W	37.61	31.86	45.94	-
2021					
January	-	60.26	56.50	W	-
February	W	63.08	W	W	-
March	-	W	W	W	-
1st quarter average	W	63.08	58.15	W	-
April	-	69.61	W	-	-
May	W	R71.80	W	W	-
June	W	R71.54	W	-	-
2nd quarter average	W	R70.95	W	W	-
July	W	70.41	-	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
July 2021	2.990	2.519	2.282	3.317	2.542	2.544	3.535	3.078	2.695	3.125	2.555	2.338
June 2021	2.884	2.420	2.198	3.197	NA	2.448	3.410	2.771	2.598	3.017	2.417	2.252
July 2020	1.709	1.557	1.330	2.092	1.545	1.530	2.335	2.056	1.692	1.808	1.585	1.380
PAD District 1												
July 2021	W	2.266	2.163	W	W	2.397	W	-	2.488	W	2.329	2.206
June 2021	W	2.200	2.093	W	W	2.326	W	W	2.427	W	NA	2.139
July 2020	1.563	1.236	1.256	1.850	W	1.436	2.082	-	1.578	1.651	1.282	1.300
Subdistrict 1A												
July 2021	-	W	2.202	-	-	2.422	-	-	2.463	-	W	2.242
June 2021	-	W	2.139	-	-	2.354	-	-	2.425	-	W	2.183
July 2020	W	W	1.362	W	-	1.498	W	-	1.651	W	W	1.409
Connecticut												
July 2021	-	W	2.205	-	-	2.311	-	-	2.482	-	W	2.253
June 2021	-	W	2.140	-	-	2.235	-	-	2.445	-	W	2.192
July 2020	-	W	1.420	-	-	1.472	-	-	1.696	-	W	1.468
Maine												
July 2021	-	-	2.226	-	-	W	-	-	W	-	-	2.260
June 2021	-	-	2.162	-	-	W	-	-	W	-	-	2.194
July 2020	-	-	1.330	-	-	W	-	-	W	-	-	1.360
Massachusetts												
July 2021	-	-	2.184	-	-	2.204	-	-	2.387	-	-	2.213
June 2021	-	-	2.118	-	-	2.146	-	-	2.348	-	-	2.152
July 2020	W	-	1.303	W	-	1.321	W	-	1.540	W	-	1.340
New Hampshire												
July 2021	-	-	W	-	-	-	-	-	W	-	-	W
June 2021	-	-	W	-	-	-	-	-	W	-	-	W
July 2020	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
July 2021	-	-	2.216	-	-	W	-	-	2.550	-	-	2.267
June 2021	-	-	2.163	-	-	W	-	-	2.514	-	-	2.218
July 2020	W	-	1.347	W	-	W	W	-	W	W	-	W
Vermont												
July 2021	-	-	W	-	-	-	-	-	2.503	-	-	W
June 2021	-	-	W	-	-	-	-	-	2.454	-	-	W
July 2020	-	-	W	-	-	W	-	-	1.615	-	-	1.341
Subdistrict 1B												
July 2021	W	-	2.181	W	-	2.318	W	-	2.443	W	-	2.217
June 2021	W	-	2.115	W	-	2.254	W	-	2.390	W	-	2.153
July 2020	1.626	-	1.285	1.889	-	1.403	2.090	-	1.558	1.717	-	1.325
Delaware												
July 2021	-	-	2.182	-	-	2.307	-	-	2.383	-	-	2.206
June 2021	-	-	2.113	-	-	2.258	-	-	2.344	-	-	2.140
July 2020	W	-	1.306	W	-	1.543	W	-	1.508	W	-	1.331
District of Columbia												
July 2021	-	-	-	-	-	-	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
July 2021	-	-	2.171	-	-	2.270	-	-	2.399	-	-	2.204
June 2021	-	-	2.100	-	-	2.205	-	-	2.307	-	-	2.130
July 2020	-	-	1.259	-	-	1.339	-	-	1.464	-	-	1.290
New Jersey												
July 2021	W	-	2.172	W	-	2.221	W	-	2.375	W	-	2.199
June 2021	W	-	2.099	W	-	2.160	W	-	2.323	W	-	2.130
July 2020	W	-	1.277	W	-	1.353	W	-	1.501	W	-	1.309
New York												
July 2021	W	-	2.213	W	-	2.455	W	-	2.540	W	-	2.273
June 2021	W	-	2.150	W	-	2.385	W	-	2.491	W	-	2.210
July 2020	1.677	-	1.328	1.931	-	1.562	2.131	-	1.668	1.768	-	1.396
Pennsylvania												
July 2021	W	-	2.166	W	-	2.265	W	-	2.412	W	-	2.189
June 2021	W	-	2.108	W	-	2.207	W	-	2.377	W	-	2.135
July 2020	W	-	1.268	W	-	1.409	W	-	1.525	W	-	1.294

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
July 2021	-	2.269	2.146	-	W	2.426	-	-	2.525	-	2.333	2.195
June 2021	-	2.200	2.073	-	W	2.349	-	-	2.453	-	NA	2.123
July 2020	W	1.236	1.226	W	W	1.442	W	-	1.580	W	1.282	1.272
Florida												
July 2021	-	W	2.162	-	-	2.461	-	-	2.510	-	W	2.210
June 2021	-	W	2.072	-	-	2.363	-	W	2.417	-	W	2.121
July 2020	W	W	1.240	W	-	1.427	W	-	1.574	W	W	1.287
Georgia												
July 2021	-	W	2.133	-	-	2.382	-	-	2.575	-	W	2.189
June 2021	-	W	2.065	-	-	2.277	-	-	2.510	-	W	2.123
July 2020	W	W	1.214	W	-	1.405	W	-	1.618	W	W	1.263
North Carolina												
July 2021	-	-	2.118	-	-	2.421	-	-	2.506	-	-	2.167
June 2021	-	-	2.058	-	-	2.379	-	-	2.463	-	-	2.110
July 2020	W	-	1.205	W	-	1.476	W	-	1.567	W	-	1.252
South Carolina												
July 2021	-	-	2.125	-	W	2.442	-	-	2.537	-	W	2.171
June 2021	-	-	2.051	-	W	2.367	-	-	2.477	-	W	2.099
July 2020	W	-	1.208	W	W	1.462	W	-	1.600	W	W	1.252
Virginia												
July 2021	-	-	2.177	-	-	2.350	-	-	2.520	-	-	2.222
June 2021	-	-	2.116	-	-	2.303	-	-	2.442	-	-	2.159
July 2020	-	-	1.254	-	-	1.416	-	-	1.554	-	-	1.294
West Virginia												
July 2021	-	-	2.171	-	-	2.487	-	-	2.560	-	-	2.211
June 2021	-	-	2.146	-	-	2.361	-	-	2.496	-	-	2.182
July 2020	W	-	1.273	W	-	1.527	W	-	1.593	W	-	1.309
PAD District 2												
July 2021	W	2.450	2.180	W	W	2.347	W	W	2.540	W	2.453	2.215
June 2021	W	2.350	2.114	W	W	2.273	W	W	2.449	W	2.357	2.146
July 2020	W	1.545	1.258	W	W	1.427	W	1.737	1.590	W	1.547	1.291
Illinois												
July 2021	-	W	2.188	-	-	2.321	-	W	2.502	-	W	2.222
June 2021	-	2.415	2.141	-	-	2.270	-	-	2.456	-	2.415	2.175
July 2020	W	1.492	1.276	W	-	1.426	W	W	1.658	W	1.532	1.317
Indiana												
July 2021	-	W	2.146	-	-	2.296	-	-	2.488	-	W	2.176
June 2021	-	W	2.094	-	-	2.273	-	-	2.419	-	W	2.122
July 2020	W	W	1.248	W	-	1.455	W	-	1.658	W	W	1.282
Iowa												
July 2021	-	-	2.179	-	-	2.307	-	-	2.556	-	-	2.219
June 2021	-	-	2.090	-	-	2.204	-	-	2.392	-	-	2.120
July 2020	-	W	1.235	-	-	1.349	-	-	1.466	-	W	1.259
Kansas												
July 2021	W	W	2.147	W	W	2.292	-	-	2.438	W	W	2.179
June 2021	W	W	2.055	W	W	2.187	-	-	2.309	W	W	2.085
July 2020	W	W	1.231	W	W	1.380	-	-	1.454	W	W	1.252
Kentucky												
July 2021	-	W	2.185	-	-	2.368	-	-	2.568	-	W	2.211
June 2021	-	W	2.154	-	-	2.329	-	W	2.536	-	W	2.180
July 2020	W	W	1.316	W	-	1.489	W	W	1.686	W	W	1.342
Michigan												
July 2021	-	W	2.229	-	-	2.678	-	W	2.674	-	W	2.262
June 2021	-	W	2.149	-	-	2.594	-	W	2.600	-	W	2.182
July 2020	W	W	1.297	W	-	1.690	W	W	1.770	W	W	1.335
Minnesota												
July 2021	W	W	2.174	W	W	2.255	W	W	2.484	W	W	2.212
June 2021	W	W	2.092	W	W	2.201	W	W	2.339	W	W	2.122
July 2020	W	W	1.233	W	W	1.352	W	W	1.448	W	W	1.262
Missouri												
July 2021	-	W	2.185	-	-	2.318	-	-	2.531	-	W	2.219
June 2021	-	W	2.097	-	-	2.169	-	-	2.403	-	W	2.126
July 2020	-	W	1.253	-	-	1.357	-	-	1.555	-	W	1.284

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades						
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale				
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]					
PAD District 2 (cont.)																
Nebraska																
July 2021	W	NA	2.203	W	W	2.327	-	-	2.574	W	W	2.238				
June 2021	W	W	2.106	W	W	2.196	-	-	2.418	W	W	2.135				
July 2020	W	W	1.243	W	W	1.371	-	-	1.496	W	W	1.271				
North Dakota																
July 2021	W	W	2.290	W	W	2.363	W	W	2.637	W	W	2.339				
June 2021	W	W	2.108	W	W	2.157	W	W	2.427	W	W	2.154				
July 2020	W	W	1.280	W	W	1.381	W	W	1.561	W	W	1.320				
Ohio																
July 2021	W	W	2.154	W	-	2.315	W	W	2.569	W	W	2.184				
June 2021	W	W	2.116	W	-	2.303	W	W	2.516	W	W	2.144				
July 2020	W	W	1.273	W	-	1.591	W	W	1.696	W	W	1.308				
Oklahoma																
July 2021	W	W	2.207	W	-	2.384	W	-	2.471	W	W	2.248				
June 2021	W	W	2.112	W	-	2.351	W	-	2.324	W	W	2.142				
July 2020	W	W	1.220	W	-	1.419	W	-	1.392	W	W	1.248				
South Dakota																
July 2021	W	W	2.301	W	W	2.401	W	W	2.728	W	W	2.349				
June 2021	W	W	2.152	W	W	2.254	W	W	2.486	W	W	2.187				
July 2020	W	W	1.277	W	W	1.393	W	W	1.542	W	W	1.311				
Tennessee																
July 2021	-	W	2.134	-	-	2.362	-	W	2.487	-	W	2.169				
June 2021	-	W	2.074	-	-	2.314	-	W	2.439	-	W	2.110				
July 2020	W	W	1.212	W	-	1.415	W	W	1.540	W	W	1.244				
Wisconsin																
July 2021	-	W	2.192	-	W	2.337	-	W	2.655	-	W	2.242				
June 2021	-	W	2.127	-	W	2.245	-	W	2.574	-	W	2.172				
July 2020	W	W	1.260	W	W	1.374	W	W	1.700	W	W	1.309				
PAD District 3																
July 2021	NA	2.239	2.182	NA	-	2.452	NA	W	2.462	NA	2.367	2.215				
June 2021	W	2.270	2.097	W	-	2.366	W	2.465	2.366	W	2.337	2.128				
July 2020	1.580	1.462	1.245	1.908	W	1.401	2.192	2.005	1.487	1.657	1.563	1.272				
Alabama																
July 2021	-	W	2.133	-	-	2.427	-	W	2.574	-	W	2.176				
June 2021	-	W	2.068	-	-	2.337	-	W	2.517	-	W	2.113				
July 2020	W	W	1.212	W	-	1.403	W	W	1.642	W	W	1.253				
Arkansas																
July 2021	-	-	2.172	-	-	2.404	-	-	2.527	-	-	2.204				
June 2021	-	-	2.087	-	-	2.318	-	-	2.425	-	-	2.119				
July 2020	-	-	1.235	-	-	1.421	-	-	1.539	-	-	1.265				
Louisiana																
July 2021	-	NA	2.157	-	-	2.336	-	-	2.446	-	NA	2.185				
June 2021	-	W	2.059	-	-	2.288	-	-	2.370	-	W	2.084				
July 2020	-	W	1.202	-	-	1.355	-	-	1.468	-	W	1.226				
Mississippi																
July 2021	-	-	2.163	-	-	2.370	-	-	2.514	-	-	2.195				
June 2021	-	-	2.075	-	-	2.313	-	-	2.421	-	-	2.110				
July 2020	-	-	1.218	-	-	1.473	-	-	1.591	-	-	1.247				
New Mexico																
July 2021	NA	W	2.346	NA	-	2.469	NA	W	2.679	NA	W	2.392				
June 2021	W	W	2.294	W	-	2.406	W	W	2.613	W	W	2.339				
July 2020	1.625	W	1.331	1.889	-	1.414	2.169	W	1.660	1.706	W	1.378				
Texas																
July 2021	NA	W	2.188	NA	-	NA	NA	-	2.431	NA	W	2.219				
June 2021	W	W	2.103	W	-	NA	W	-	2.325	W	W	2.130				
July 2020	W	W	1.260	W	W	1.386	W	-	1.451	W	W	1.284				

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
July 2021	W	2.813	2.750	W	W	3.083	W	W	3.130	W	2.962	2.827
June 2021	W	2.672	2.435	W	W	2.724	W	W	2.813	W	2.788	2.513
July 2020	W	1.671	1.524	W	W	1.768	2.496	W	1.897	W	1.819	1.603
Colorado												
July 2021	W	W	2.688	W	W	3.074	W	W	3.079	W	W	2.768
June 2021	W	W	2.462	W	W	2.806	W	NA	2.838	W	W	2.538
July 2020	W	1.778	1.575	2.206	W	1.869	W	W	1.964	2.094	1.778	1.653
Idaho												
July 2021	W	W	2.948	W	NA	W	W	W	W	W	W	3.001
June 2021	W	W	2.502	W	W	W	W	W	W	W	W	2.559
July 2020	W	W	1.547	W	W	W	W	W	W	W	W	1.609
Montana												
July 2021	W	W	2.428	W	W	2.555	W	W	2.917	W	W	2.518
June 2021	W	W	2.246	W	W	2.380	W	W	2.721	W	W	2.335
July 2020	W	W	1.465	W	W	1.593	W	W	1.935	W	W	1.560
Utah												
July 2021	-	W	2.949	-	W	3.192	-	-	3.252	-	W	3.023
June 2021	-	W	2.483	-	W	2.741	-	-	2.815	-	W	2.567
July 2020	W	W	1.521	W	W	1.786	W	-	1.836	W	W	1.607
Wyoming												
July 2021	W	W	2.668	W	-	W	W	-	3.056	W	W	2.733
June 2021	W	W	2.375	W	-	W	W	-	2.797	W	W	2.442
July 2020	W	W	1.357	W	-	W	W	-	1.774	W	W	1.428
PAD District 5												
July 2021	3.460	2.726	2.699	3.691	NA	2.952	3.882	NA	3.061	3.578	NA	2.775
June 2021	3.369	2.640	2.621	3.591	W	2.853	3.781	NA	2.982	3.484	NA	2.697
July 2020	2.251	1.684	1.658	2.489	NA	1.872	2.655	1.952	1.949	2.353	NA	1.721
Alaska												
July 2021	W	W	W	W	-	W	W	W	3.053	W	W	W
June 2021	W	W	W	W	-	W	W	W	2.888	W	W	W
July 2020	W	W	W	W	-	W	W	W	2.008	W	W	W
Arizona												
July 2021	-	W	2.300	-	-	2.476	-	W	2.636	-	W	2.344
June 2021	-	W	2.249	-	-	2.407	-	W	2.569	-	W	2.291
July 2020	W	W	1.437	W	W	1.766	W	W	1.698	W	W	1.473
California												
July 2021	W	W	2.841	W	W	3.027	W	-	3.148	W	W	2.915
June 2021	W	W	2.782	W	-	2.971	W	-	3.088	W	W	2.856
July 2020	2.355	W	1.769	2.551	W	1.924	2.697	-	2.023	2.450	W	1.832
Hawaii												
July 2021	W	W	W	W	W	W	W	W	W	W	W	W
June 2021	W	W	W	W	W	W	W	W	W	W	W	W
July 2020	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
July 2021	-	W	2.709	-	-	NA	-	-	3.029	-	W	2.783
June 2021	-	W	2.551	-	-	NA	-	-	2.848	-	W	2.619
July 2020	W	W	1.508	W	-	1.722	W	-	1.745	W	W	1.564
Oregon												
July 2021	W	-	2.540	W	-	2.763	W	-	2.866	W	-	2.584
June 2021	W	W	2.413	W	-	2.640	W	-	2.743	W	W	2.458
July 2020	2.104	-	1.531	2.336	-	1.742	2.478	-	1.838	2.167	-	1.575
Washington												
July 2021	2.999	W	2.560	3.234	W	2.866	3.456	W	2.935	3.076	W	2.630
June 2021	2.896	W	2.435	3.119	W	2.729	3.331	W	2.798	2.970	W	2.503
July 2020	1.921	W	1.570	2.156	W	1.841	2.345	W	1.906	1.992	W	1.636

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2021	W	3.337	1.981	1.946	2.860	1.940
June 2021	3.492	3.190	1.906	1.871	W	1.907
July 2020	2.761	2.253	1.175	1.144	3.059	1.172
PAD District 1						
July 2021	W	3.377	1.996	1.954	W	W
June 2021	3.377	3.238	1.933	1.898	W	2.130
July 2020	W	2.273	1.159	1.132	W	W
Subdistrict 1A						
July 2021	W	W	2.051	2.000	-	-
June 2021	W	W	1.982	1.946	-	-
July 2020	W	W	1.250	1.185	W	-
Connecticut						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Maine						
July 2021	-	W	W	W	-	-
June 2021	W	W	W	W	-	-
July 2020	W	W	W	W	-	-
Massachusetts						
July 2021	W	-	W	W	-	-
June 2021	W	-	W	W	-	-
July 2020	-	-	W	W	W	-
New Hampshire						
July 2021	-	-	W	-	-	-
June 2021	-	-	W	-	-	-
July 2020	-	-	W	-	W	-
Rhode Island						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	W	-
Vermont						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Subdistrict 1B						
July 2021	-	3.451	2.009	1.948	W	W
June 2021	W	3.333	1.919	1.887	W	2.092
July 2020	W	W	1.146	1.108	W	W
Delaware						
July 2021	-	-	-	-	W	-
June 2021	-	-	-	-	W	-
July 2020	-	-	-	-	W	-
District of Columbia						
July 2021	-	-	-	-	W	-
June 2021	-	-	-	-	W	-
July 2020	-	-	-	-	W	-
Maryland						
July 2021	-	-	W	1.949	-	W
June 2021	-	-	W	1.866	-	W
July 2020	-	-	W	W	-	W
New Jersey						
July 2021	-	W	2.016	1.949	-	-
June 2021	-	-	1.916	1.885	-	W
July 2020	-	-	1.166	1.102	W	W
New York						
July 2021	-	W	2.016	1.997	-	W
June 2021	W	W	1.933	1.973	-	W
July 2020	W	W	1.158	1.214	W	W
Pennsylvania						
July 2021	-	W	1.957	1.943	W	W
June 2021	W	W	1.876	1.886	W	W
July 2020	-	W	1.098	1.122	W	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2021	W	3.324	1.982	1.951	-	2.433
June 2021	W	3.190	1.938	1.900	-	2.418
July 2020	W	W	1.163	1.152	W	W
Florida						
July 2021	W	W	W	1.948	-	-
June 2021	W	W	W	1.900	-	-
July 2020	W	W	1.170	1.153	W	-
Georgia						
July 2021	-	W	W	1.962	-	W
June 2021	-	W	W	1.909	-	W
July 2020	W	W	W	1.157	-	W
North Carolina						
July 2021	-	W	W	1.986	-	W
June 2021	-	W	W	1.938	-	W
July 2020	-	-	1.129	1.153	W	W
South Carolina						
July 2021	-	-	W	1.956	-	-
June 2021	-	-	W	1.904	-	-
July 2020	-	-	W	1.148	W	-
Virginia						
July 2021	-	W	1.966	1.954	-	-
June 2021	-	W	1.867	1.872	-	-
July 2020	-	W	1.141	1.138	-	W
West Virginia						
July 2021	-	-	-	W	-	-
June 2021	-	-	-	W	-	-
July 2020	-	-	-	W	-	-
PAD District 2						
July 2021	W	3.294	1.985	1.963	W	2.769
June 2021	W	3.146	1.934	1.920	W	2.788
July 2020	W	W	1.162	1.158	W	1.764
Illinois						
July 2021	-	W	2.005	W	-	W
June 2021	W	W	1.960	W	-	W
July 2020	-	W	1.208	W	W	W
Indiana						
July 2021	-	-	1.992	1.972	-	W
June 2021	-	-	1.936	1.917	-	W
July 2020	-	-	1.183	1.148	W	1.965
Iowa						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	1.276	W	-	-
Kansas						
July 2021	W	W	W	W	-	W
June 2021	W	W	W	W	-	W
July 2020	W	W	W	W	-	W
Kentucky						
July 2021	W	W	W	1.948	-	W
June 2021	W	W	W	1.894	-	W
July 2020	W	W	1.139	1.128	W	W
Michigan						
July 2021	-	-	W	1.929	-	W
June 2021	-	-	W	1.880	-	W
July 2020	W	-	1.173	1.118	W	W
Minnesota						
July 2021	W	W	W	1.952	W	W
June 2021	W	W	W	1.914	W	W
July 2020	W	W	W	1.152	W	W
Missouri						
July 2021	W	-	W	W	-	-
June 2021	W	-	W	W	-	-
July 2020	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2021	W	-	W	W	-	-
June 2021	W	-	W	W	-	-
July 2020	NA	-	W	W	-	-
North Dakota						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Ohio						
July 2021	W	W	1.997	1.933	-	W
June 2021	W	W	1.940	1.890	-	W
July 2020	W	-	1.173	1.135	W	W
Oklahoma						
July 2021	W	-	W	1.983	-	W
June 2021	W	-	W	1.924	-	W
July 2020	W	-	W	W	-	W
South Dakota						
July 2021	W	-	W	-	-	-
June 2021	-	-	W	-	-	-
July 2020	-	-	W	-	-	-
Tennessee						
July 2021	W	W	W	1.962	-	-
June 2021	W	W	W	1.912	-	W
July 2020	-	W	W	1.144	W	-
Wisconsin						
July 2021	-	-	2.007	W	-	W
June 2021	-	-	1.978	W	-	-
July 2020	-	-	W	W	W	-
PAD District 3						
Alabama						
July 2021	W	3.105	1.961	1.897	-	W
June 2021	W	2.977	1.889	1.828	-	W
July 2020	W	2.062	1.140	1.081	-	W
Arkansas						
July 2021	W	W	W	W	-	-
June 2021	-	-	W	1.981	-	-
July 2020	-	-	W	1.229	-	-
Louisiana						
July 2021	W	W	1.980	1.872	-	W
June 2021	W	W	1.843	1.801	-	W
July 2020	-	W	1.098	1.075	-	W
Mississippi						
July 2021	-	W	1.902	1.913	-	-
June 2021	-	W	W	1.834	-	W
July 2020	-	W	1.081	1.062	-	-
New Mexico						
July 2021	W	-	W	W	-	-
June 2021	W	-	W	W	-	-
July 2020	W	-	W	W	-	-
Texas						
July 2021	W	3.119	1.964	1.907	-	W
June 2021	W	2.989	1.906	1.835	-	W
July 2020	-	2.075	1.148	1.088	W	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2021	W	W	2.121	2.073	-	-
June 2021	W	W	2.038	2.008	-	-
July 2020	W	W	1.335	1.289	-	-
Colorado						
July 2021	W	-	2.041	2.046	-	-
June 2021	W	-	1.974	1.988	-	-
July 2020	W	-	W	1.247	-	-
Idaho						
July 2021	-	-	W	2.194	-	-
June 2021	-	-	W	2.099	-	-
July 2020	-	-	1.462	1.451	-	-
Montana						
July 2021	W	W	W	W	-	-
June 2021	-	W	W	W	-	-
July 2020	W	W	W	W	-	-
Utah						
July 2021	-	W	2.155	2.138	-	-
June 2021	-	W	2.056	2.049	-	-
July 2020	-	W	1.374	1.396	-	-
Wyoming						
July 2021	-	-	2.140	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
PAD District 5						
July 2021	W	3.471	1.971	1.974	NA	W
June 2021	W	3.437	1.875	1.861	NA	W
July 2020	W	W	1.196	1.205	W	W
Alaska						
July 2021	-	W	W	W	-	-
June 2021	-	W	W	W	-	-
July 2020	W	W	W	W	-	-
Arizona						
July 2021	W	W	2.011	2.012	-	-
June 2021	W	W	W	W	-	-
July 2020	W	W	W	1.245	-	-
California						
July 2021	W	3.457	1.959	1.961	-	W
June 2021	W	3.450	1.859	1.843	-	W
July 2020	W	W	1.198	1.189	W	W
Hawaii						
July 2021	-	-	W	NA	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Nevada						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Oregon						
July 2021	-	W	1.995	W	-	-
June 2021	-	W	1.893	W	-	-
July 2020	-	W	1.238	1.240	-	-
Washington						
July 2021	-	W	1.950	1.961	NA	-
June 2021	-	W	1.825	1.810	NA	-
July 2020	W	W	1.177	1.236	NA	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2021	2.593	2.467	2.282	2.178	-	W
June 2021	2.514	2.449	2.228	2.141	-	W
July 2020	1.483	1.526	1.431	1.251	-	W
PAD District 1						
July 2021	-	W	2.140	2.119	-	-
June 2021	-	W	2.127	2.108	-	-
July 2020	-	W	1.544	1.238	-	-
Subdistrict 1A						
July 2021	-	-	W	2.149	-	-
June 2021	-	-	W	2.134	-	-
July 2020	-	-	W	1.248	-	-
Connecticut						
July 2021	-	-	W	2.147	-	-
June 2021	-	-	W	2.131	-	-
July 2020	-	-	W	1.243	-	-
Maine						
July 2021	-	-	-	2.170	-	-
June 2021	-	-	-	2.150	-	-
July 2020	-	-	-	1.210	-	-
Massachusetts						
July 2021	-	-	-	2.156	-	-
June 2021	-	-	-	2.133	-	-
July 2020	-	-	W	1.275	-	-
New Hampshire						
July 2021	-	-	-	W	-	-
June 2021	-	-	-	W	-	-
July 2020	-	-	W	W	-	-
Rhode Island						
July 2021	-	-	-	2.136	-	-
June 2021	-	-	-	2.138	-	-
July 2020	-	-	W	1.270	-	-
Vermont						
July 2021	-	-	-	W	-	-
June 2021	-	-	-	W	-	-
July 2020	-	-	-	W	-	-
Subdistrict 1B						
July 2021	-	W	W	2.112	-	-
June 2021	-	W	W	2.083	-	-
July 2020	-	W	W	1.224	-	-
Delaware						
July 2021	-	-	W	2.151	-	-
June 2021	-	-	W	2.142	-	-
July 2020	-	-	W	1.259	-	-
District of Columbia						
July 2021	-	-	-	W	-	-
June 2021	-	-	-	W	-	-
July 2020	-	-	-	W	-	-
Maryland						
July 2021	-	-	-	2.132	-	-
June 2021	-	-	-	2.123	-	-
July 2020	-	-	W	1.206	-	-
New Jersey						
July 2021	-	-	W	2.082	-	-
June 2021	-	-	W	2.035	-	-
July 2020	-	-	1.575	1.198	-	-
New York						
July 2021	-	W	2.576	2.174	-	-
June 2021	-	-	2.547	2.159	-	-
July 2020	-	W	2.129	1.312	-	-
Pennsylvania						
July 2021	-	W	2.235	2.122	-	-
June 2021	-	W	2.219	2.124	-	-
July 2020	-	W	1.428	1.239	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2021	-	W	2.028	2.121	-	-
June 2021	-	W	2.051	2.130	-	-
July 2020	-	W	1.451	1.250	-	-
Florida						
July 2021	-	-	2.146	2.158	-	-
June 2021	-	-	2.132	2.160	-	-
July 2020	-	-	1.465	1.272	-	-
Georgia						
July 2021	-	W	2.127	2.124	-	-
June 2021	-	W	2.115	2.099	-	-
July 2020	-	W	1.279	1.233	-	-
North Carolina						
July 2021	-	-	2.122	2.048	-	-
June 2021	-	-	2.117	2.107	-	-
July 2020	-	-	1.579	1.235	-	-
South Carolina						
July 2021	-	-	W	2.122	-	-
June 2021	-	-	W	2.123	-	-
July 2020	-	-	W	1.240	-	-
Virginia						
July 2021	-	-	2.133	2.135	-	-
June 2021	-	-	2.139	2.124	-	-
July 2020	-	-	W	1.244	-	-
West Virginia						
July 2021	-	-	W	2.153	-	-
June 2021	-	-	W	2.173	-	-
July 2020	-	-	1.311	1.279	-	-
PAD District 2						
July 2021	W	2.525	2.171	2.154	-	-
June 2021	W	2.507	2.161	2.144	-	-
July 2020	1.772	1.578	1.353	1.240	-	-
Illinois						
July 2021	W	W	2.183	2.136	-	-
June 2021	W	W	2.180	2.133	-	-
July 2020	W	1.619	1.378	1.194	-	-
Indiana						
July 2021	-	W	W	2.129	-	-
June 2021	-	W	W	2.108	-	-
July 2020	-	W	1.458	1.233	-	-
Iowa						
July 2021	-	2.346	W	2.193	-	-
June 2021	-	W	W	2.172	-	-
July 2020	-	W	W	1.286	-	-
Kansas						
July 2021	-	2.301	2.116	2.164	-	-
June 2021	-	2.282	W	2.148	-	-
July 2020	W	1.343	1.207	1.245	-	-
Kentucky						
July 2021	W	W	W	2.168	-	-
June 2021	-	W	W	2.171	-	-
July 2020	W	-	1.373	1.289	-	-
Michigan						
July 2021	W	W	W	2.151	-	-
June 2021	W	W	W	2.161	-	-
July 2020	W	W	1.555	1.240	-	-
Minnesota						
July 2021	W	2.561	2.254	2.226	-	-
June 2021	W	2.502	2.226	2.222	-	-
July 2020	-	1.474	1.439	1.284	-	-
Missouri						
July 2021	-	W	2.121	2.177	-	-
June 2021	W	W	2.199	2.162	-	-
July 2020	W	W	1.282	1.260	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2021	-	W	2.201	2.191	-	-
June 2021	-	W	2.189	2.167	-	-
July 2020	-	1.472	1.265	1.304	-	-
North Dakota						
July 2021	W	2.435	2.181	2.139	-	-
June 2021	W	2.453	2.168	2.145	-	-
July 2020	W	1.583	1.363	1.319	-	-
Ohio						
July 2021	-	W	W	2.132	-	-
June 2021	-	W	W	2.135	-	-
July 2020	-	W	1.392	1.228	-	-
Oklahoma						
July 2021	-	-	2.216	2.145	-	-
June 2021	-	W	2.162	2.120	-	-
July 2020	-	W	1.238	1.207	-	-
South Dakota						
July 2021	W	W	W	2.243	-	-
June 2021	W	2.577	W	2.185	-	-
July 2020	W	W	W	1.344	-	-
Tennessee						
July 2021	-	-	2.142	2.129	-	-
June 2021	-	-	2.136	2.128	-	-
July 2020	-	-	1.285	1.246	-	-
Wisconsin						
July 2021	-	W	2.206	2.141	-	-
June 2021	-	W	2.196	2.135	-	-
July 2020	W	W	1.482	1.253	-	-
PAD District 3						
Alabama						
July 2021	-	W	2.154	2.094	-	W
June 2021	-	W	2.148	2.066	-	W
July 2020	-	-	1.325	1.210	-	W
Arkansas						
July 2021	-	-	W	2.149	-	-
June 2021	-	-	W	2.140	-	-
July 2020	-	-	W	1.262	-	-
Louisiana						
July 2021	-	W	W	2.056	-	-
June 2021	-	W	W	2.012	-	-
July 2020	-	-	W	1.180	-	-
Mississippi						
July 2021	-	-	2.070	2.097	-	-
June 2021	-	-	2.045	2.082	-	-
July 2020	-	-	1.280	1.227	-	-
New Mexico						
July 2021	-	-	2.239	2.196	-	-
June 2021	-	-	2.225	2.220	-	-
July 2020	-	-	1.714	1.314	-	-
Texas						
July 2021	-	-	2.148	2.097	-	W
June 2021	-	-	2.146	2.070	-	W
July 2020	-	-	1.295	1.211	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2021	W	2.795	2.616	2.645	-	-
June 2021	W	2.710	2.427	2.408	-	-
July 2020	W	1.646	1.351	1.289	-	-
Colorado						
July 2021	W	W	2.488	2.465	-	-
June 2021	W	2.753	2.394	2.384	-	-
July 2020	W	1.574	1.379	1.264	-	-
Idaho						
July 2021	W	W	3.029	2.798	-	-
June 2021	W	W	W	2.373	-	-
July 2020	W	W	1.620	1.251	-	-
Montana						
July 2021	W	2.718	2.503	2.370	-	-
June 2021	W	2.681	2.437	2.350	-	-
July 2020	W	1.677	1.424	1.350	-	-
Utah						
July 2021	-	W	NA	3.021	-	-
June 2021	-	-	2.481	2.458	-	-
July 2020	-	-	1.263	1.287	-	-
Wyoming						
July 2021	-	3.027	2.396	2.578	-	-
June 2021	-	2.822	2.318	2.456	-	-
July 2020	-	1.743	1.329	1.306	-	-
PAD District 5						
July 2021	W	2.376	2.442	2.351	-	-
June 2021	W	2.334	2.367	2.274	-	-
July 2020	W	1.463	1.564	1.374	-	-
Alaska						
July 2021	W	W	W	W	-	-
June 2021	W	W	W	W	-	-
July 2020	W	W	W	W	-	-
Arizona						
July 2021	-	-	2.286	2.173	-	-
June 2021	-	-	2.263	2.145	-	-
July 2020	-	-	1.445	1.326	-	-
California						
July 2021	-	-	2.506	2.392	-	-
June 2021	-	-	2.445	2.320	-	-
July 2020	-	-	1.761	1.440	-	-
Hawaii						
July 2021	-	-	W	W	-	-
June 2021	-	-	W	W	-	-
July 2020	-	-	W	W	-	-
Nevada						
July 2021	-	-	W	2.447	-	-
June 2021	-	-	2.673	2.342	-	-
July 2020	-	-	W	1.302	-	-
Oregon						
July 2021	-	W	2.466	2.403	-	-
June 2021	-	W	2.404	2.320	-	-
July 2020	-	-	1.410	1.262	-	-
Washington						
July 2021	-	W	2.491	2.243	-	-
June 2021	W	W	2.290	2.148	-	-
July 2020	-	W	1.346	1.219	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular						Midgrade					
	Sales to end users			Sales for resale			Sales to end users			Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk		
United States												
July 2021	3,359.4	3,476.4	16,653.9	245,352.5	7,630.6	485.5	497.5	151.3	1,572.2	-	-	-
June 2021	3,381.6	3,502.2	16,605.5	244,808.8	8,206.8	502.5	514.1	148.3	1,542.1	-	-	-
July 2020	16,609.1	16,745.7	13,573.0	216,485.6	5,572.9	1,444.7	1,456.4	117.9	1,597.3	-	-	-
PAD District 1												
July 2021	W	W	W	70,570.1	W	W	W	W	W	-	-	-
June 2021	W	W	W	70,150.8	W	W	W	W	W	-	-	-
July 2020	5,202.2	5,209.8	W	60,880.2	W	511.2	514.5	W	W	-	-	-
Subdistrict 1A												
July 2021	-	W	W	W	-	-	-	-	-	54.7	-	-
June 2021	-	W	W	W	-	-	-	-	-	38.5	-	-
July 2020	W	W	W	W	-	W	W	-	-	33.5	-	-
Connecticut												
July 2021	-	W	-	2,046.2	-	-	-	-	-	4.2	-	-
June 2021	-	W	-	2,020.9	-	-	-	-	-	3.2	-	-
July 2020	-	W	-	1,883.5	-	-	-	-	-	7.0	-	-
Maine												
July 2021	-	-	-	653.6	-	-	-	-	-	W	-	-
June 2021	-	-	-	634.5	-	-	-	-	-	W	-	-
July 2020	-	-	-	605.6	-	-	-	-	-	W	-	-
Massachusetts												
July 2021	-	-	-	1,768.3	-	-	-	-	-	13.6	-	-
June 2021	-	-	-	1,670.2	-	-	-	-	-	11.4	-	-
July 2020	W	W	-	1,000.9	-	W	W	-	-	4.0	-	-
New Hampshire												
July 2021	-	-	W	W	-	-	-	-	-	-	-	-
June 2021	-	-	W	W	-	-	-	-	-	-	-	-
July 2020	W	W	W	W	-	W	W	-	-	-	-	-
Rhode Island												
July 2021	-	-	-	873.4	-	-	-	-	-	W	-	-
June 2021	-	-	-	880.0	-	-	-	-	-	W	-	-
July 2020	W	W	-	718.6	-	W	W	-	-	W	-	-
Vermont												
July 2021	-	-	W	W	-	-	-	-	-	-	-	-
June 2021	-	-	W	W	-	-	-	-	-	-	-	-
July 2020	-	-	W	W	-	-	-	-	-	W	-	-
Subdistrict 1B												
July 2021	W	W	W	22,796.6	W	W	W	W	W	W	-	-
June 2021	W	W	W	W	W	W	W	W	W	W	-	-
July 2020	2,875.8	2,875.8	W	18,716.8	W	316.9	316.9	W	W	W	-	-
Delaware												
July 2021	-	-	-	1,105.5	-	-	-	-	-	13.0	-	-
June 2021	-	-	-	1,095.2	-	-	-	-	-	9.9	-	-
July 2020	W	W	-	859.1	-	W	W	-	-	8.8	-	-
District of Columbia												
July 2021	-	-	-	-	-	-	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
July 2021	-	-	-	3,363.9	-	-	-	-	-	47.8	-	-
June 2021	-	-	-	3,294.6	-	-	-	-	-	41.1	-	-
July 2020	-	-	-	3,272.8	-	-	-	-	-	64.4	-	-
New Jersey												
July 2021	W	W	W	7,004.0	W	W	W	-	-	35.3	-	-
June 2021	W	W	W	7,140.7	W	W	W	-	-	32.2	-	-
July 2020	W	W	W	5,762.9	W	W	W	-	-	27.9	-	-
New York												
July 2021	W	W	W	W	W	-	W	W	W	W	-	-
June 2021	W	W	W	W	W	6,055.5	W	W	W	W	-	-
July 2020	1,869.0	1,869.0	W	W	-	207.3	207.3	W	W	W	-	-
Pennsylvania												
July 2021	W	W	-	W	W	W	W	-	-	20.2	-	-
June 2021	W	W	-	W	W	W	W	-	-	18.8	-	-
July 2020	W	W	-	W	W	W	W	-	-	17.6	-	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
July 2021	874.6	883.1	4,971.7	34,729.6	1,558.2	4,719.5	4,856.9	21,776.9	281,654.3	9,188.8
June 2021	917.1	927.4	4,974.6	34,651.8	1,494.6	4,801.2	4,943.8	21,728.4	281,002.7	9,701.4
July 2020	2,347.3	2,356.4	4,247.1	31,658.9	1,148.7	20,401.1	20,558.5	17,938.1	249,741.9	6,721.6
PAD District 1										
July 2021	W	W	W	W	323.5	W	W	W	81,747.4	W
June 2021	W	W	W	W	W	W	W	W	W	3,552.2
July 2020	829.8	829.8	W	W	256.9	6,543.1	6,554.1	W	70,768.0	W
Subdistrict 1A										
July 2021	-	-	W	W	-	-	W	W	W	-
June 2021	-	-	W	W	-	-	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
Connecticut										
July 2021	-	-	-	424.6	-	-	W	-	2,475.0	-
June 2021	-	-	-	415.6	-	-	W	-	2,439.7	-
July 2020	-	-	-	397.9	-	-	W	-	2,288.4	-
Maine										
July 2021	-	-	-	W	-	-	-	-	746.5	-
June 2021	-	-	-	W	-	-	-	-	713.9	-
July 2020	-	-	-	W	-	-	-	-	685.2	-
Massachusetts										
July 2021	-	-	-	298.8	-	-	-	-	2,080.8	-
June 2021	-	-	-	288.5	-	-	-	-	1,970.0	-
July 2020	W	W	-	187.3	-	W	W	-	1,192.2	-
New Hampshire										
July 2021	-	-	W	W	-	-	-	W	W	-
June 2021	-	-	W	W	-	-	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
Rhode Island										
July 2021	-	-	-	W	-	-	-	-	1,039.0	-
June 2021	-	-	-	W	-	-	-	-	1,047.3	-
July 2020	W	W	-	W	-	W	W	-	W	-
Vermont										
July 2021	-	-	W	W	-	-	-	W	69.0	-
June 2021	-	-	W	W	-	-	W	W	62.6	-
July 2020	-	-	W	W	-	-	W	W	W	-
Subdistrict 1B										
July 2021	W	W	W	3,651.9	W	W	W	W	W	W
June 2021	W	W	W	W	W	W	W	W	26,561.2	W
July 2020	561.5	561.5	W	3,102.7	W	3,754.1	3,754.1	W	W	W
Delaware										
July 2021	-	-	-	140.9	-	-	-	-	1,259.4	-
June 2021	-	-	-	137.0	-	-	-	-	1,242.2	-
July 2020	W	W	-	111.3	-	W	W	-	979.1	-
District of Columbia										
July 2021	-	-	-	-	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2021	-	-	-	566.0	-	-	-	-	3,977.6	-
June 2021	-	-	-	539.5	-	-	-	-	3,875.2	-
July 2020	-	-	-	556.2	-	-	-	-	3,893.4	-
New Jersey										
July 2021	W	W	W	1,208.9	W	W	W	W	8,248.1	W
June 2021	W	W	W	1,219.6	W	W	W	W	8,392.5	W
July 2020	W	W	W	1,006.0	W	W	W	W	6,796.8	W
New York										
July 2021	W	W	W	W	W	W	W	W	7,151.2	W
June 2021	W	W	W	1,142.3	W	W	W	W	W	W
July 2020	378.0	378.0	W	W	W	2,454.3	2,454.3	W	5,420.5	W
Pennsylvania										
July 2021	W	W	-	W	W	W	W	-	W	W
June 2021	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
Subdistrict 1C									
July 2021	-	W	-	W	W	-	W	-	400.8
June 2021	-	7.7	-	42,032.2	-	W	-	W	413.0
July 2020	W	W	-	W	W	W	W	-	470.8
Florida									
July 2021	-	W	-	14,328.4	-	-	-	-	174.5
June 2021	-	W	-	14,616.7	-	-	-	-	168.5
July 2020	W	W	-	11,684.5	-	W	W	-	176.3
Georgia									
July 2021	-	W	-	7,643.0	-	-	-	-	32.8
June 2021	-	W	-	7,537.5	-	-	-	-	45.9
July 2020	W	W	-	7,493.9	-	W	W	-	40.5
North Carolina									
July 2021	-	-	-	W	W	-	-	-	96.1
June 2021	-	-	-	9,188.0	-	-	-	-	100.8
July 2020	W	W	-	8,337.1	-	W	W	-	126.8
South Carolina									
July 2021	-	-	-	4,060.0	-	-	W	-	29.4
June 2021	-	-	-	4,042.2	-	-	W	-	33.9
July 2020	W	W	-	4,008.5	-	W	W	-	50.7
Virginia									
July 2021	-	-	-	6,058.9	-	-	-	-	63.5
June 2021	-	-	-	5,957.8	-	-	-	-	60.7
July 2020	-	-	-	W	W	-	-	-	68.6
West Virginia									
July 2021	-	-	-	715.4	-	-	-	-	4.5
June 2021	-	-	-	690.0	-	-	-	-	3.2
July 2020	W	W	-	640.8	-	W	W	-	8.0
PAD District 2									
July 2021	W	114.2	W	86,376.4	W	W	W	-	437.2
June 2021	W	114.2	-	W	W	W	W	-	422.0
July 2020	W	W	W	74,764.0	W	W	W	-	419.7
Illinois									
July 2021	-	W	-	10,854.9	-	-	-	-	43.7
June 2021	-	1.4	-	10,931.2	-	-	-	-	45.8
July 2020	W	W	-	W	W	W	W	-	52.2
Indiana									
July 2021	-	W	-	7,197.1	-	-	-	-	19.6
June 2021	-	W	-	7,110.9	-	-	-	-	19.5
July 2020	W	W	-	5,712.8	-	W	W	-	13.3
Iowa									
July 2021	-	-	-	3,095.5	-	-	-	-	42.3
June 2021	-	-	-	3,174.0	-	-	-	-	38.6
July 2020	-	W	-	3,130.5	-	-	-	-	50.1
Kansas									
July 2021	W	W	-	4,106.3	-	W	W	-	8.6
June 2021	W	W	-	4,294.3	-	W	W	-	9.9
July 2020	W	W	-	W	W	W	W	-	13.5
Kentucky									
July 2021	-	W	-	4,869.9	-	-	-	-	17.5
June 2021	-	W	-	4,739.7	-	-	-	-	17.9
July 2020	W	W	-	3,479.0	-	W	W	-	17.5
Michigan									
July 2021	-	W	-	11,738.5	-	-	-	-	35.4
June 2021	-	W	-	11,601.1	-	-	-	-	33.2
July 2020	W	W	-	9,783.9	-	W	W	-	31.7
Minnesota									
July 2021	W	W	W	W	-	W	W	-	85.9
June 2021	W	W	-	5,895.1	-	W	W	-	71.2
July 2020	W	W	W	W	-	W	W	-	58.1
Missouri									
July 2021	-	W	-	3,368.5	-	-	-	-	16.1
June 2021	-	W	-	3,259.2	-	-	-	-	16.6
July 2020	-	W	-	3,265.1	-	-	-	-	12.7

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
Subdistrict 1C									
July 2021	-	-	-	W	W	-	9.1	-	48,680.8
June 2021	-	W	-	W	W	-	11.5	-	W
July 2020	W	W	-	W	W	W	W	-	43,669.5
Florida									
July 2021	-	-	-	2,162.7	-	-	W	-	16,665.5
June 2021	-	W	-	W	W	-	W	-	W
July 2020	W	W	-	1,817.2	-	W	W	-	13,678.0
Georgia									
July 2021	-	-	-	1,081.0	-	-	W	-	8,756.7
June 2021	-	-	-	1,098.9	-	-	W	-	8,682.3
July 2020	W	W	-	1,009.7	-	W	W	-	8,544.1
North Carolina									
July 2021	-	-	-	W	W	-	-	-	W
June 2021	-	-	-	1,275.9	-	-	-	-	10,564.6
July 2020	W	W	-	W	W	W	W	-	W
South Carolina									
July 2021	-	-	-	480.7	-	-	W	-	4,570.1
June 2021	-	-	-	486.6	-	-	W	-	4,562.7
July 2020	W	W	-	472.0	-	W	W	-	4,531.2
Virginia									
July 2021	-	-	-	889.9	-	-	-	-	7,012.3
June 2021	-	-	-	878.3	-	-	-	-	6,896.8
July 2020	-	-	-	840.9	-	-	-	-	W
West Virginia									
July 2021	-	-	-	W	W	-	-	-	W
June 2021	-	-	-	W	W	-	-	-	W
July 2020	W	W	-	W	W	W	W	-	W
PAD District 2									
July 2021	W	W	W	8,623.8	W	W	129.1	W	95,437.3
June 2021	W	W	W	W	453.4	W	131.9	W	95,428.2
July 2020	W	W	W	7,875.6	W	W	W	W	83,059.3
Illinois									
July 2021	-	W	-	W	W	-	W	-	W
June 2021	-	-	-	1,310.0	-	-	1.4	-	12,287.0
July 2020	W	W	-	1,176.5	-	W	W	-	W
Indiana									
July 2021	-	-	-	W	W	-	W	-	W
June 2021	-	-	-	W	W	-	W	-	W
July 2020	W	W	-	W	W	W	W	-	W
Iowa									
July 2021	-	-	-	356.3	-	-	-	-	3,494.0
June 2021	-	-	-	333.1	-	-	-	-	3,545.8
July 2020	-	-	-	348.5	-	-	W	-	3,529.0
Kansas									
July 2021	-	-	-	W	W	W	W	-	W
June 2021	-	-	-	422.4	152.6	W	W	-	4,726.6
July 2020	-	-	-	W	W	W	W	-	W
Kentucky									
July 2021	-	-	-	352.6	-	-	W	-	5,240.0
June 2021	-	W	-	340.0	-	-	W	-	5,097.5
July 2020	W	W	-	258.8	-	W	W	-	3,755.2
Michigan									
July 2021	-	W	-	899.5	-	-	W	-	12,673.5
June 2021	-	W	-	902.9	-	-	W	-	12,537.1
July 2020	W	W	-	822.1	-	W	W	-	10,637.7
Minnesota									
July 2021	W	W	W	W	W	W	W	W	6,687.2
June 2021	W	W	W	736.1	W	W	W	W	6,702.4
July 2020	W	W	W	W	W	W	W	W	5,420.5
Missouri									
July 2021	-	-	-	363.3	-	-	W	-	3,748.0
June 2021	-	-	-	337.0	-	-	W	-	3,612.7
July 2020	-	-	-	365.7	-	-	W	-	3,643.5

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2021	W	W	-	1,613.5	-	W	W	-	11.1	-
June 2021	W	W	-	1,740.7	-	W	W	-	16.9	-
July 2020	W	W	-	1,492.7	-	W	W	-	12.6	-
North Dakota										
July 2021	W	W	-	839.9	-	W	W	-	11.8	-
June 2021	W	W	-	874.7	-	W	W	-	15.3	-
July 2020	W	W	-	827.6	-	W	W	-	14.0	-
Ohio										
July 2021	W	W	-	12,224.6	-	W	W	-	27.3	-
June 2021	W	20.1	-	12,203.0	-	W	W	-	26.6	-
July 2020	W	W	-	9,536.5	-	W	W	-	28.7	-
Oklahoma										
July 2021	W	W	-	W	W	W	W	-	8.9	-
June 2021	W	W	-	W	W	W	W	-	1.8	-
July 2020	W	W	-	W	W	W	W	-	1.2	-
South Dakota										
July 2021	W	W	-	1,162.9	-	W	W	-	15.8	-
June 2021	W	W	-	1,130.0	-	W	W	-	16.6	-
July 2020	W	W	-	1,048.4	-	W	W	-	15.9	-
Tennessee										
July 2021	-	W	-	9,525.0	-	-	-	-	51.1	-
June 2021	-	W	-	9,485.8	-	-	-	-	53.9	-
July 2020	W	W	-	9,025.6	-	W	W	-	56.5	-
Wisconsin										
July 2021	-	W	W	W	-	-	W	-	42.0	-
June 2021	-	W	-	5,920.6	-	-	W	-	38.1	-
July 2020	W	W	-	5,203.4	-	W	W	-	41.6	-
PAD District 3										
July 2021	NA	W	760.6	W	W	NA	NA	W	W	-
June 2021	W	W	710.4	49,916.1	4,414.0	W	W	W	W	-
July 2020	781.0	793.4	184.5	W	W	73.8	74.0	-	221.3	-
Alabama										
July 2021	-	W	-	4,889.9	-	-	-	-	22.8	-
June 2021	-	W	-	4,854.3	-	-	-	-	25.1	-
July 2020	W	W	-	4,938.2	-	W	W	-	29.6	-
Arkansas										
July 2021	-	-	-	3,100.6	-	-	-	-	12.1	-
June 2021	-	-	-	3,052.3	-	-	-	-	11.8	-
July 2020	-	-	-	2,922.7	-	-	-	-	10.9	-
Louisiana										
July 2021	-	NA	-	W	W	-	-	-	8.1	-
June 2021	-	W	-	W	W	-	-	-	7.1	-
July 2020	-	W	-	W	W	-	-	-	10.3	-
Mississippi										
July 2021	-	-	-	2,711.2	974.2	-	-	-	21.6	-
June 2021	-	-	-	2,780.2	735.4	-	-	-	24.2	-
July 2020	-	-	-	2,582.4	541.6	-	-	-	28.2	-
New Mexico										
July 2021	NA	W	W	W	-	NA	NA	W	W	-
June 2021	W	W	W	W	-	W	W	W	W	-
July 2020	325.7	331.5	W	W	-	42.9	42.9	-	12.1	-
Texas										
July 2021	NA	W	W	W	W	NA	NA	-	139.5	-
June 2021	W	W	W	32,093.6	W	W	W	-	133.9	-
July 2020	W	W	W	W	W	W	W	-	130.2	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
July 2021	-	-	-	164.2	-	W	W	-	1,788.8	-
June 2021	-	-	-	176.2	-	W	W	-	1,933.9	-
July 2020	-	-	-	181.8	-	W	W	-	1,687.2	-
North Dakota										
July 2021	W	W	-	138.3	-	W	W	-	990.0	-
June 2021	W	W	-	148.6	-	W	W	-	1,038.6	-
July 2020	W	W	-	132.8	-	W	W	-	974.4	-
Ohio										
July 2021	W	W	-	941.8	-	W	W	-	13,193.7	-
June 2021	W	W	-	929.4	-	W	21.9	-	13,159.0	-
July 2020	W	W	-	W	W	W	W	-	W	W
Oklahoma										
July 2021	W	W	-	W	W	W	W	-	4,596.4	358.8
June 2021	W	W	-	W	W	W	W	-	W	W
July 2020	W	W	-	W	W	W	W	-	4,332.8	349.6
South Dakota										
July 2021	W	W	-	144.4	-	W	W	-	1,323.1	-
June 2021	W	W	-	130.2	-	W	W	-	1,276.8	-
July 2020	W	W	-	149.2	-	W	W	-	1,213.4	-
Tennessee										
July 2021	-	W	-	1,013.0	-	-	W	-	10,589.0	-
June 2021	-	W	-	1,002.0	-	-	W	-	10,541.7	-
July 2020	W	W	-	939.5	-	W	W	-	10,021.5	-
Wisconsin										
July 2021	-	W	W	W	-	-	W	W	W	-
June 2021	-	W	-	666.9	-	-	W	-	6,625.6	-
July 2020	W	W	-	643.3	-	W	W	-	5,888.3	-
PAD District 3										
July 2021	NA	NA	W	6,153.1	W	NA	W	877.3	55,858.4	3,783.9
June 2021	W	26.7	W	W	501.0	W	W	821.2	56,340.0	4,915.0
July 2020	77.3	80.0	37.1	W	W	932.1	947.4	221.6	51,261.7	2,974.8
Alabama										
July 2021	-	W	-	511.4	-	-	W	-	5,424.0	-
June 2021	-	W	-	521.2	-	-	W	-	5,400.5	-
July 2020	W	W	-	499.0	-	W	W	-	5,466.8	-
Arkansas										
July 2021	-	-	-	305.7	-	-	-	-	3,418.4	-
June 2021	-	-	-	308.8	-	-	-	-	3,372.9	-
July 2020	-	-	-	312.4	-	-	-	-	3,246.0	-
Louisiana										
July 2021	-	-	W	W	-	NA	-	-	6,324.8	735.8
June 2021	-	-	W	W	-	W	-	-	6,369.7	1,499.5
July 2020	-	-	W	W	-	W	-	-	6,043.3	921.6
Mississippi										
July 2021	-	-	-	355.4	-	-	-	-	3,088.3	974.2
June 2021	-	-	-	378.7	-	-	-	-	3,183.1	735.4
July 2020	-	-	-	238.3	-	-	-	-	2,848.9	541.6
New Mexico										
July 2021	NA	W	W	W	-	NA	W	W	W	-
June 2021	W	W	W	W	-	W	W	W	W	-
July 2020	40.2	40.7	W	W	-	408.8	415.1	W	W	-
Texas										
July 2021	NA	NA	W	4,097.5	W	NA	W	W	W	2,073.9
June 2021	W	W	W	W	W	W	W	W	W	2,680.1
July 2020	W	W	W	3,703.1	W	W	W	W	W	1,511.5

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
PAD District 4									
July 2021	W	239.9	W	W	-	W	W	-	129.9
June 2021	W	209.8	W	W	-	W	W	-	138.0
July 2020	W	W	W	W	W	W	W	-	126.1
Colorado									
July 2021	W	W	-	4,487.3	-	W	W	-	41.1
June 2021	W	W	-	4,280.8	-	W	W	-	39.6
July 2020	W	152.3	W	W	-	41.9	42.3	-	26.8
Idaho									
July 2021	W	W	-	1,598.7	-	W	W	-	W
June 2021	W	W	-	1,607.9	-	W	W	-	W
July 2020	W	W	-	1,516.8	-	W	W	-	W
Montana									
July 2021	W	W	-	1,694.9	-	W	W	-	8.6
June 2021	W	W	-	1,606.1	-	W	W	-	7.8
July 2020	W	W	-	1,430.4	-	W	W	-	6.1
Utah									
July 2021	-	W	W	W	-	-	W	-	62.7
June 2021	-	W	W	W	-	-	W	-	69.3
July 2020	W	W	W	W	-	W	11.9	-	74.4
Wyoming									
July 2021	W	W	W	W	-	W	W	-	W
June 2021	W	7.3	W	W	-	W	W	-	W
July 2020	W	9.8	-	W	W	W	W	-	W
PAD District 5									
July 2021	1,510.3	1,533.5	14,653.4	W	W	251.7	252.6	134.4	178.9
June 2021	1,521.6	1,546.7	14,664.6	27,002.1	539.8	253.2	253.8	W	W
July 2020	3,332.7	3,358.4	12,281.6	W	W	496.5	497.2	W	W
Alaska									
July 2021	W	W	W	506.8	-	W	W	-	W
June 2021	W	W	W	485.8	-	W	W	-	W
July 2020	W	W	W	462.5	-	W	W	-	W
Arizona									
July 2021	-	W	806.1	4,059.5	-	-	-	W	W
June 2021	-	W	804.2	4,106.2	-	-	-	W	W
July 2020	W	W	1,016.5	3,413.2	-	W	W	W	W
California									
July 2021	W	W	W	12,901.3	W	W	W	W	W
June 2021	W	W	W	12,979.8	W	W	W	W	W
July 2020	2,378.1	2,379.2	9,119.0	11,887.4	-	423.0	423.1	83.7	102.3
Hawaii									
July 2021	W	W	W	W	W	W	W	W	W
June 2021	W	W	W	W	W	W	W	W	W
July 2020	W	W	W	W	W	W	W	W	W
Nevada									
July 2021	-	W	W	W	-	-	-	W	W
June 2021	-	W	W	W	-	-	-	W	W
July 2020	W	W	W	W	-	W	W	W	W
Oregon									
July 2021	W	W	684.1	3,239.2	-	W	W	2.7	6.1
June 2021	W	W	660.1	W	W	W	W	W	W
July 2020	79.5	79.5	592.4	2,897.1	-	5.3	5.3	W	W
Washington									
July 2021	209.8	215.1	930.1	5,111.7	-	22.0	22.2	W	W
June 2021	202.3	208.0	894.4	4,769.8	-	21.4	21.7	W	W
July 2020	279.8	281.9	742.4	4,556.6	-	27.6	27.6	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
July 2021	W	W	W	W	-	W	337.8	W	W	-
June 2021	W	W	W	W	-	W	336.6	W	W	-
July 2020	W	W	W	W	-	W	W	W	13,527.5	W
Colorado										
July 2021	W	W	-	1,116.6	-	W	W	-	5,645.0	-
June 2021	W	W	-	1,051.2	-	W	W	-	5,371.6	-
July 2020	W	35.2	W	W	-	225.1	229.8	W	W	-
Idaho										
July 2021	W	W	-	W	-	W	W	-	1,905.3	-
June 2021	W	W	-	W	-	W	W	-	1,929.5	-
July 2020	W	W	-	W	-	W	W	-	1,864.8	-
Montana										
July 2021	W	W	-	380.3	-	W	W	-	2,083.7	-
June 2021	W	W	-	368.4	-	W	W	-	1,982.3	-
July 2020	W	W	-	358.8	-	W	W	-	1,795.3	-
Utah										
July 2021	-	-	W	W	-	-	W	W	W	-
June 2021	-	-	W	W	-	-	W	W	W	-
July 2020	W	W	W	W	-	W	69.8	W	W	-
Wyoming										
July 2021	W	W	W	W	-	W	W	W	W	-
June 2021	W	W	W	W	-	W	9.0	W	W	-
July 2020	W	W	-	W	-	W	13.0	-	W	W
PAD District 5										
July 2021	495.2	496.7	4,450.4	W	W	2,257.3	2,282.9	19,238.2	W	W
June 2021	498.9	500.5	4,469.8	W	W	2,273.8	2,301.0	W	33,696.3	W
July 2020	890.4	892.0	W	6,181.9	W	4,719.6	4,747.6	16,228.8	31,125.4	343.5
Alaska										
July 2021	W	W	W	W	-	W	W	W	571.2	-
June 2021	W	W	W	44.7	-	W	W	178.9	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
Arizona										
July 2021	-	W	W	W	-	-	W	943.3	4,656.1	-
June 2021	-	W	W	W	-	-	W	944.4	4,714.8	-
July 2020	W	W	W	W	-	W	W	1,156.8	3,979.2	-
California										
July 2021	W	W	3,640.6	W	W	W	W	W	16,937.6	W
June 2021	W	W	3,661.6	W	W	W	W	W	17,054.2	W
July 2020	739.0	739.0	3,098.1	3,665.8	-	3,540.1	3,541.3	12,300.8	15,655.5	-
Hawaii										
July 2021	W	W	W	W	W	W	W	W	W	W
June 2021	W	W	W	W	W	W	W	W	W	W
July 2020	W	W	W	W	W	W	W	W	W	W
Nevada										
July 2021	-	-	W	W	-	-	W	W	W	-
June 2021	-	-	W	W	-	-	W	W	W	-
July 2020	W	W	W	W	-	W	W	W	W	-
Oregon										
July 2021	W	W	133.4	471.2	-	W	W	820.2	3,716.5	-
June 2021	W	W	134.7	455.8	-	W	W	W	3,566.7	W
July 2020	13.2	13.2	120.8	W	W	98.1	98.1	W	3,340.9	W
Washington										
July 2021	33.3	33.4	230.0	W	W	265.1	270.7	W	6,243.8	W
June 2021	32.3	32.4	221.9	W	W	256.0	262.1	W	5,841.0	W
July 2020	43.6	43.6	195.3	W	W	351.0	353.2	W	5,629.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
United States					
July 2021	W	W		W	204,705.0
June 2021	W	W		W	203,721.5
July 2020	12,960.1	13,100.3		W	182,613.8
PAD District 1					
July 2021	W	W		W	53,735.7
June 2021	W	W		W	53,474.5
July 2020	W	W		W	1,564.5
Subdistrict 1A					
July 2021	-	-		W	W
June 2021	-	-		W	W
July 2020	-	-		W	W
Connecticut					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Maine					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	-	-		-	W
Massachusetts					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
New Hampshire					
July 2021	-	-		W	-
June 2021	-	-		W	-
July 2020	-	-		W	-
Rhode Island					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Vermont					
July 2021	-	-		W	W
June 2021	-	-		W	62.6
July 2020	-	-		W	W
Subdistrict 1B					
July 2021	W	W		W	W
June 2021	W	W		W	1,926.8
July 2020	W	W		W	W
Delaware					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
District of Columbia					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Maryland					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	-	-		-	W
New Jersey					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	-	-		-	W
New York					
July 2021	W	W		W	W
June 2021	W	W		W	W
July 2020	W	W		W	W
Pennsylvania					
July 2021	W	W	-	-	W
June 2021	W	W	-	-	W
July 2020	W	W	-	-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
					Bulk
United States					
July 2021	W	W		W	76,949.3
June 2021	W	W		W	77,281.2
July 2020	7,441.1	7,458.2		W	67,128.0
PAD District 1					
July 2021	W	W		W	28,011.7
June 2021	W	W		W	W
July 2020	W	W		W	W
Subdistrict 1A					
July 2021	-	W		-	6,011.1
June 2021	-	W		-	5,872.5
July 2020	W	W		-	4,718.5
Connecticut					
July 2021	-	W		-	2,475.0
June 2021	-	W		-	2,439.7
July 2020	-	W		-	2,288.4
Maine					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	-	-		-	W
Massachusetts					
July 2021	-	-		-	2,080.8
June 2021	-	-		-	1,970.0
July 2020	W	W		-	1,192.2
New Hampshire					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	W	W		-	W
Rhode Island					
July 2021	-	-		-	W
June 2021	-	-		-	1,047.3
July 2020	W	W		-	W
Vermont					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Subdistrict 1B					
July 2021	W	W		W	18,228.2
June 2021	W	W		W	W
July 2020	W	W		W	W
Delaware					
July 2021	-	-		-	1,259.4
June 2021	-	-		-	1,242.2
July 2020	W	W		-	979.1
District of Columbia					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Maryland					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	-	-		-	W
New Jersey					
July 2021	W	W		W	8,248.1
June 2021	W	W		W	8,392.5
July 2020	W	W		W	6,796.8
New York					
July 2021	W	W		W	W
June 2021	W	W		W	W
July 2020	W	W		W	W
Pennsylvania					
July 2021	-	-		-	W
June 2021	-	-		-	W
July 2020	W	W		-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total[a]		DTW	Rack
United States					
July 2021	4,719.5		4,856.9	21,776.9	281,654.3
June 2021	4,801.2		4,943.8	21,728.4	281,002.7
July 2020	20,401.1	20,558.5		17,938.1	249,741.9
PAD District 1					
July 2021	W	W		W	81,747.4
June 2021	W	W		W	W
July 2020	6,543.1	6,554.1		W	70,768.0
Subdistrict 1A					
July 2021	-	W		W	W
June 2021	-	W		W	W
July 2020	W	W		W	W
Connecticut					
July 2021	-	W		-	2,475.0
June 2021	-	W		-	2,439.7
July 2020	-	W		-	2,288.4
Maine					
July 2021	-	-		-	746.5
June 2021	-	-		-	713.9
July 2020	-	-		-	685.2
Massachusetts					
July 2021	-	-		-	2,080.8
June 2021	-	-		-	1,970.0
July 2020	W	W		-	1,192.2
New Hampshire					
July 2021	-	-		W	W
June 2021	-	-		W	W
July 2020	W	W		W	W
Rhode Island					
July 2021	-	-		-	1,039.0
June 2021	-	-		-	1,047.3
July 2020	W	W		-	W
Vermont					
July 2021	-	-		W	69.0
June 2021	-	-		W	62.6
July 2020	-	-		W	W
Subdistrict 1B					
July 2021	W	W		W	W
June 2021	W	W		W	W
July 2020	3,754.1	3,754.1		W	W
Delaware					
July 2021	-	-		-	1,259.4
June 2021	-	-		-	1,242.2
July 2020	W	W		-	979.1
District of Columbia					
July 2021	-	-		-	-
June 2021	-	-		-	-
July 2020	-	-		-	-
Maryland					
July 2021	-	-		-	3,977.6
June 2021	-	-		-	3,875.2
July 2020	-	-		-	3,893.4
New Jersey					
July 2021	W	W		W	8,248.1
June 2021	W	W		W	8,392.5
July 2020	W	W		W	6,796.8
New York					
July 2021	W	W		W	7,151.2
June 2021	W	W		W	W
July 2020	2,454.3	2,454.3		W	5,420.5
Pennsylvania					
July 2021	W	W		-	W
June 2021	W	W		-	W
July 2020	W	W		-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
Subdistrict 1C					
July 2021	-		9.1	-	44,908.4
June 2021	-		11.5	-	W
July 2020	W		W	-	W
Florida					
July 2021	-		W	-	16,665.5
June 2021	-		W	-	W
July 2020	W		W	-	13,678.0
Georgia					
July 2021	-		W	-	8,756.7
June 2021	-		W	-	8,682.3
July 2020	W		W	-	8,544.1
North Carolina					
July 2021	-		-	-	W
June 2021	-		-	-	10,564.6
July 2020	W		W	-	W
South Carolina					
July 2021	-		W	-	4,570.1
June 2021	-		W	-	4,562.7
July 2020	W		W	-	4,531.2
Virginia					
July 2021	-		-	-	3,239.9
June 2021	-		-	-	3,183.9
July 2020	-		-	-	W
West Virginia					
July 2021	-		-	-	W
June 2021	-		-	-	W
July 2020	W		W	-	W
PAD District 2					
July 2021	W		W	W	82,233.6
June 2021	W		W	W	82,058.0
July 2020	W		W	W	W
Illinois					
July 2021	-		W	-	W
June 2021	-		W	-	3,936.4
July 2020	W		W	-	3,719.8
Indiana					
July 2021	-		W	-	W
June 2021	-		W	-	W
July 2020	W		W	-	W
Iowa					
July 2021	-		-	-	3,494.0
June 2021	-		-	-	3,545.8
July 2020	-		W	-	3,529.0
Kansas					
July 2021	W		W	-	W
June 2021	W		W	-	4,726.6
July 2020	W		W	-	W
Kentucky					
July 2021	-		W	-	4,178.0
June 2021	-		W	-	4,035.2
July 2020	W		W	-	2,916.7
Michigan					
July 2021	-		W	-	12,673.5
June 2021	-		W	-	12,537.1
July 2020	W		W	-	10,637.7
Minnesota					
July 2021	W		W	W	6,687.2
June 2021	W		W	W	6,702.4
July 2020	W		W	W	5,420.5
Missouri					
July 2021	-		W	-	3,262.2
June 2021	-		W	-	3,139.1
July 2020	-		W	-	3,128.5

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets		Total[a]	DTW	Rack
Subdistrict 1C					
July 2021	-	-	-	-	3,772.4
June 2021	-	-	-	-	3,712.9
July 2020	-	-	-	-	W
Florida					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Georgia					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
North Carolina					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	W
South Carolina					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Virginia					
July 2021	-	-	-	-	3,772.4
June 2021	-	-	-	-	3,712.9
July 2020	-	-	-	-	W
West Virginia					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
PAD District 2					
July 2021	-	W	-	13,203.7	-
June 2021	-	W	-	13,370.2	-
July 2020	W	W	-	W	W
Illinois					
July 2021	-	-	-	8,154.5	-
June 2021	-	W	-	8,350.6	-
July 2020	W	W	-	W	W
Indiana					
July 2021	-	W	-	1,496.8	-
June 2021	-	W	-	1,470.9	-
July 2020	W	W	-	916.4	-
Iowa					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Kansas					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Kentucky					
July 2021	-	W	-	1,062.0	-
June 2021	-	W	-	1,062.4	-
July 2020	W	W	-	838.5	-
Michigan					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Minnesota					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Missouri					
July 2021	-	-	-	485.7	-
June 2021	-	-	-	473.7	-
July 2020	-	-	-	515.0	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
Subdistrict 1C					
July 2021	-		9.1	-	48,680.8
June 2021	-		11.5	-	W
July 2020	W		W	-	43,669.5
Florida					
July 2021	-		W	-	16,665.5
June 2021	-		W	-	W
July 2020	W		W	-	13,678.0
Georgia					
July 2021	-		W	-	8,756.7
June 2021	-		W	-	8,682.3
July 2020	W		W	-	8,544.1
North Carolina					
July 2021	-		-	-	W
June 2021	-		-	-	10,564.6
July 2020	W		W	-	W
South Carolina					
July 2021	-		W	-	4,570.1
June 2021	-		W	-	4,562.7
July 2020	W		W	-	4,531.2
Virginia					
July 2021	-		-	-	7,012.3
June 2021	-		-	-	6,896.8
July 2020	-		-	-	W
West Virginia					
July 2021	-		-	-	W
June 2021	-		-	-	W
July 2020	W		W	-	W
PAD District 2					
July 2021	W		129.1	W	95,437.3
June 2021	W		131.9	W	95,428.2
July 2020	W		W	W	83,059.3
Illinois					
July 2021	-		W	-	W
June 2021	-		1.4	-	12,287.0
July 2020	W		W	-	W
Indiana					
July 2021	-		W	-	W
June 2021	-		W	-	W
July 2020	W		W	-	W
Iowa					
July 2021	-		-	-	3,494.0
June 2021	-		-	-	3,545.8
July 2020	-		W	-	3,529.0
Kansas					
July 2021	W		W	-	W
June 2021	W		W	-	4,726.6
July 2020	W		W	-	W
Kentucky					
July 2021	-		W	-	5,240.0
June 2021	-		W	-	5,097.5
July 2020	W		W	-	3,755.2
Michigan					
July 2021	-		W	-	12,673.5
June 2021	-		W	-	12,537.1
July 2020	W		W	-	10,637.7
Minnesota					
July 2021	W		W	W	6,687.2
June 2021	W		W	W	6,702.4
July 2020	W		W	W	5,420.5
Missouri					
July 2021	-		W	-	3,748.0
June 2021	-		W	-	3,612.7
July 2020	-		W	-	3,643.5

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets			DTW	Rack
PAD District 2 (cont.)					
Nebraska					
July 2021	W	W	-	1,788.8	-
June 2021	W	W	-	1,933.9	-
July 2020	W	W	-	1,687.2	-
North Dakota					
July 2021	W	W	-	990.0	-
June 2021	W	W	-	1,038.6	-
July 2020	W	W	-	974.4	-
Ohio					
July 2021	W	W	-	13,193.7	-
June 2021	W	21.9	-	13,159.0	-
July 2020	W	W	-	W	W
Oklahoma					
July 2021	W	W	-	4,596.4	358.8
June 2021	W	W	-	W	W
July 2020	W	W	-	4,332.8	349.6
South Dakota					
July 2021	W	W	-	1,323.1	-
June 2021	W	W	-	1,276.8	-
July 2020	W	W	-	1,213.4	-
Tennessee					
July 2021	-	W	-	10,589.0	-
June 2021	-	W	-	10,541.7	-
July 2020	W	W	-	10,021.5	-
Wisconsin					
July 2021	-	W	W	W	-
June 2021	-	W	-	4,612.8	-
July 2020	W	W	-	4,298.1	-
PAD District 3					
Alabama					
July 2021	NA	W	877.3	W	W
June 2021	W	W	821.2	W	W
July 2020	W	W	221.6	W	W
Arkansas					
July 2021	-	W	-	5,424.0	-
June 2021	-	W	-	5,400.5	-
July 2020	W	W	-	5,466.8	-
Louisiana					
July 2021	-	-	-	3,418.4	-
June 2021	-	-	-	3,372.9	-
July 2020	-	-	-	3,246.0	-
Mississippi					
July 2021	-	-	-	3,088.3	974.2
June 2021	-	-	-	3,183.1	735.4
July 2020	-	-	-	2,848.9	541.6
New Mexico					
July 2021	NA	W	W	W	-
June 2021	W	W	W	W	-
July 2020	408.8	415.1	W	W	-
Texas					
July 2021	NA	W	W	W	W
June 2021	W	W	W	W	W
July 2020	W	W	W	20,187.2	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated		
	Sales to end users	Total[a]	Sales for resale
	Through retail outlets	DTW	Rack
PAD District 2 (cont.)			
Nebraska			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
North Dakota			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Ohio			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Oklahoma			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
South Dakota			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Tennessee			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Wisconsin			
July 2021	-	-	2,004.6
June 2021	-	-	2,012.7
July 2020	W	W	1,590.2
PAD District 3			
Alabama			
July 2021	-	W	W
June 2021	-	W	W
July 2020	W	W	W
Arkansas			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Louisiana			
July 2021	-	-	-
June 2021	-	-	W
July 2020	-	-	W
Mississippi			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
New Mexico			
July 2021	-	-	-
June 2021	-	-	-
July 2020	-	-	-
Texas			
July 2021	-	W	W
June 2021	-	W	W
July 2020	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
PAD District 2 (cont.)					
Nebraska					
July 2021	W	W	-	1,788.8	-
June 2021	W	W	-	1,933.9	-
July 2020	W	W	-	1,687.2	-
North Dakota					
July 2021	W	W	-	990.0	-
June 2021	W	W	-	1,038.6	-
July 2020	W	W	-	974.4	-
Ohio					
July 2021	W	W	-	13,193.7	-
June 2021	W	21.9	-	13,159.0	-
July 2020	W	W	-	W	W
Oklahoma					
July 2021	W	W	-	4,596.4	358.8
June 2021	W	W	-	W	W
July 2020	W	W	-	4,332.8	349.6
South Dakota					
July 2021	W	W	-	1,323.1	-
June 2021	W	W	-	1,276.8	-
July 2020	W	W	-	1,213.4	-
Tennessee					
July 2021	-	W	-	10,589.0	-
June 2021	-	W	-	10,541.7	-
July 2020	W	W	-	10,021.5	-
Wisconsin					
July 2021	-	W	W	W	-
June 2021	-	W	-	6,625.6	-
July 2020	W	W	-	5,888.3	-
PAD District 3					
	NA	W	877.3	55,858.4	3,783.9
July 2021	W	W	821.2	56,340.0	4,915.0
June 2021	932.1	947.4	221.6	51,261.7	2,974.8
Alabama					
July 2021	-	W	-	5,424.0	-
June 2021	-	W	-	5,400.5	-
July 2020	W	W	-	5,466.8	-
Arkansas					
July 2021	-	-	-	3,418.4	-
June 2021	-	-	-	3,372.9	-
July 2020	-	-	-	3,246.0	-
Louisiana					
July 2021	-	NA	-	6,324.8	735.8
June 2021	-	W	-	6,369.7	1,499.5
July 2020	-	W	-	6,043.3	921.6
Mississippi					
July 2021	-	-	-	3,088.3	974.2
June 2021	-	-	-	3,183.1	735.4
July 2020	-	-	-	2,848.9	541.6
New Mexico					
July 2021	NA	W	W	W	-
June 2021	W	W	W	W	-
July 2020	408.8	415.1	W	W	-
Texas					
July 2021	NA	W	W	W	2,073.9
June 2021	W	W	W	W	2,680.1
July 2020	W	W	W	W	1,511.5

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
PAD District 4					
July 2021	W	337.8		W	W
June 2021	W	336.6		W	W
July 2020	W	W		W	13,527.5
Colorado					
July 2021	W	W		-	5,645.0
June 2021	W	W		-	5,371.6
July 2020	225.1	229.8		W	W
Idaho					
July 2021	W	W		-	1,905.3
June 2021	W	W		-	1,929.5
July 2020	W	W		-	1,864.8
Montana					
July 2021	W	W		-	2,083.7
June 2021	W	W		-	1,982.3
July 2020	W	W		-	1,795.3
Utah					
July 2021	-	W		W	W
June 2021	-	W		W	W
July 2020	W	69.8		W	W
Wyoming					
July 2021	W	W		W	W
June 2021	W	9.0		W	W
July 2020	W	13.0		-	W
PAD District 5					
July 2021	W	W	3,843.3	W	W
June 2021	W	W	W	W	255.3
July 2020	1,179.6	1,204.8	3,007.4	13,000.1	343.5
Alaska					
July 2021	W	W	W	571.2	-
June 2021	W	W	178.9	W	-
July 2020	W	W	W	W	-
Arizona					
July 2021	-	W	W	1,836.9	-
June 2021	-	W	W	1,876.4	-
July 2020	W	W	W	W	-
California					
July 2021	-	-	-	W	W
June 2021	-	-	-	W	W
July 2020	-	-	-	W	-
Hawaii					
July 2021	W	W	W	W	W
June 2021	W	W	W	W	W
July 2020	W	W	W	W	W
Nevada					
July 2021	-	W	W	W	-
June 2021	-	W	W	W	-
July 2020	W	W	W	1,852.0	-
Oregon					
July 2021	W	W	820.2	3,716.5	-
June 2021	W	W	W	3,566.7	W
July 2020	98.1	98.1	W	3,340.9	W
Washington					
July 2021	265.1	270.7	W	6,243.8	W
June 2021	256.0	262.1	W	5,841.0	W
July 2020	351.0	353.2	W	5,629.0	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated		Sales for resale		
	Sales to end users	Total[a]	DTW	Rack	Bulk
Through retail outlets					
PAD District 4					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Colorado					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Idaho					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Montana					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Utah					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Wyoming					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
PAD District 5					
July 2021	W	W	15,394.9	W	W
June 2021	W	W	15,491.6	W	W
July 2020	3,540.1	3,542.7	13,221.4	18,125.3	-
Alaska					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Arizona					
July 2021	-	-	W	2,819.2	-
June 2021	-	-	W	2,838.4	-
July 2020	-	W	W	W	-
California					
July 2021	W	W	W	W	W
June 2021	W	W	W	W	W
July 2020	3,540.1	W	W	W	-
Hawaii					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Nevada					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	W	-
Oregon					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-
Washington					
July 2021	-	-	-	-	-
June 2021	-	-	-	-	-
July 2020	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
PAD District 4					
July 2021	W	337.8	W	W	-
June 2021	W	336.6	W	W	-
July 2020	W	W	W	13,527.5	W
Colorado					
July 2021	W	W	-	5,645.0	-
June 2021	W	W	-	5,371.6	-
July 2020	225.1	229.8	W	W	-
Idaho					
July 2021	W	W	-	1,905.3	-
June 2021	W	W	-	1,929.5	-
July 2020	W	W	-	1,864.8	-
Montana					
July 2021	W	W	-	2,083.7	-
June 2021	W	W	-	1,982.3	-
July 2020	W	W	-	1,795.3	-
Utah					
July 2021	-	W	W	W	-
June 2021	-	W	W	W	-
July 2020	W	69.8	W	W	-
Wyoming					
July 2021	W	W	W	W	-
June 2021	W	9.0	W	W	-
July 2020	W	13.0	-	W	W
PAD District 5					
July 2021	2,257.3	2,282.9	19,238.2	W	W
June 2021	2,273.8	2,301.0	W	33,696.3	W
July 2020	4,719.6	4,747.6	16,228.8	31,125.4	343.5
Alaska					
July 2021	W	W	W	571.2	-
June 2021	W	W	178.9	W	-
July 2020	W	W	W	W	-
Arizona					
July 2021	-	W	943.3	4,656.1	-
June 2021	-	W	944.4	4,714.8	-
July 2020	W	W	1,156.8	3,979.2	-
California					
July 2021	W	W	W	16,937.6	W
June 2021	W	W	W	17,054.2	W
July 2020	3,540.1	3,541.3	12,300.8	15,655.5	-
Hawaii					
July 2021	W	W	W	W	W
June 2021	W	W	W	W	W
July 2020	W	W	W	W	W
Nevada					
July 2021	-	W	W	W	-
June 2021	-	W	W	W	-
July 2020	W	W	W	W	-
Oregon					
July 2021	W	W	820.2	3,716.5	-
June 2021	W	W	W	3,566.7	W
July 2020	98.1	98.1	W	3,340.9	W
Washington					
July 2021	265.1	270.7	W	6,243.8	W
June 2021	256.0	262.1	W	5,841.0	W
July 2020	351.0	353.2	W	5,629.0	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
July 2021	W	580.1	28,188.8	30,795.0	0.4	654.4	40.6	141.9	4,626.0	19,653.2
June 2021	4.9	499.8	27,953.2	30,642.1	W	516.1	49.7	137.1	3,220.2	19,741.2
July 2020	4.5	400.8	20,195.7	18,006.4	1.4	1,096.3	50.0	155.4	2,196.6	19,016.4
PAD District 1										
July 2021	W	123.2	4,141.6	6,410.2	W	W	-	W	-	3,183.0
June 2021	2.3	153.9	4,270.3	6,414.9	W	41.3	-	W	-	2,541.3
July 2020	W	108.3	2,367.8	2,328.8	W	W	-	W	-	2,197.2
Subdistrict 1A										
July 2021	W	W	167.9	667.4	-	-	-	-	-	181.9
June 2021	W	W	215.6	555.7	-	-	-	-	-	171.6
July 2020	W	W	123.6	214.9	W	-	-	-	-	124.6
Connecticut										
July 2021	-	-	W	W	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
Maine										
July 2021	-	W	W	W	-	-	-	-	-	55.5
June 2021	W	W	W	W	-	-	-	-	-	61.8
July 2020	W	W	W	W	-	-	-	-	-	W
Massachusetts										
July 2021	W	-	W	W	-	-	-	-	-	W
June 2021	W	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	W	-	-	-	-	W
New Hampshire										
July 2021	-	-	W	-	-	-	-	-	-	W
June 2021	-	-	W	-	-	-	-	-	-	W
July 2020	-	-	W	-	W	-	-	-	-	W
Rhode Island										
July 2021	-	-	W	W	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	W	-	-	-	-	W
Vermont										
July 2021	-	-	W	W	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
July 2021	-	W	1,673.9	3,751.9	W	W	-	W	-	1,731.0
June 2021	W	W	1,684.0	2,937.3	W	36.6	-	W	-	1,283.2
July 2020	W	W	1,234.8	1,247.8	W	W	-	W	-	1,000.2
Delaware										
July 2021	-	-	-	W	-	W	-	-	-	W
June 2021	-	-	-	W	-	-	-	-	-	W
July 2020	-	-	-	-	W	-	-	-	-	W
District of Columbia										
July 2021	-	-	-	W	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-	-	-
Maryland										
July 2021	-	-	W	65.3	-	W	-	-	-	W
June 2021	-	-	W	W	-	W	-	-	-	6.9
July 2020	-	-	W	W	-	W	-	-	-	W
New Jersey										
July 2021	-	W	634.3	2,301.9	-	-	-	-	-	203.6
June 2021	-	-	600.7	1,858.9	-	W	-	-	-	W
July 2020	-	-	388.9	1,026.5	W	W	-	-	-	140.1
New York										
July 2021	-	W	848.4	106.2	-	W	-	W	-	201.8
June 2021	W	W	857.2	60.9	-	W	-	-	-	243.9
July 2020	W	W	545.5	W	W	W	-	W	-	190.0
Pennsylvania										
July 2021	-	W	W	1,278.1	W	W	-	W	-	1,209.4
June 2021	W	W	W	959.4	W	W	-	W	-	667.7
July 2020	-	W	W	122.2	W	-	-	W	-	527.3

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
July 2021	W	76.4	2,299.8	1,991.0	-	5.6	-	W	-	1,270.1
June 2021	W	103.5	2,370.6	2,922.0	-	4.8	-	W	-	1,086.5
July 2020	W	W	1,009.4	866.1	W	W	-	W	-	1,072.4
Florida										
July 2021	W	W	W	1,672.5	-	-	-	-	-	283.8
June 2021	W	W	W	2,529.5	-	-	-	-	-	301.4
July 2020	W	W	720.5	629.2	W	-	-	-	-	250.5
Georgia										
July 2021	-	W	W	W	-	W	-	W	-	226.1
June 2021	-	W	W	W	-	W	-	W	-	252.9
July 2020	W	W	W	W	-	W	-	W	-	238.4
North Carolina										
July 2021	-	W	W	92.3	-	W	-	-	-	273.0
June 2021	-	W	W	99.9	-	W	-	-	-	213.2
July 2020	-	-	53.9	68.6	W	W	-	-	-	211.6
South Carolina										
July 2021	-	-	W	88.5	-	-	-	-	-	268.3
June 2021	-	-	W	84.9	-	-	-	-	-	227.0
July 2020	-	-	W	67.0	W	-	-	-	-	225.6
Virginia										
July 2021	-	W	256.6	74.4	-	-	-	-	-	W
June 2021	-	W	200.8	132.4	-	-	-	-	-	W
July 2020	-	W	92.8	60.6	-	W	-	-	-	W
West Virginia										
July 2021	-	-	-	W	-	-	-	-	-	W
June 2021	-	-	-	W	-	-	-	-	-	W
July 2020	-	-	-	W	W	-	-	-	-	W
PAD District 2										
July 2021	W	127.2	6,385.3	5,018.4	W	8.9	W	57.5	W	6,609.2
June 2021	W	116.9	6,531.4	4,474.1	W	7.8	W	65.6	W	6,652.5
July 2020	W	W	5,280.8	2,664.9	W	12.6	2.7	61.6	W	6,270.1
Illinois										
July 2021	-	W	1,714.3	W	-	W	W	W	-	1,330.9
June 2021	W	W	1,812.8	W	-	W	W	W	-	1,405.9
July 2020	-	W	983.2	W	W	W	W	4.8	-	1,475.3
Indiana										
July 2021	-	-	778.0	186.2	-	W	-	W	W	424.6
June 2021	-	-	845.1	176.7	-	W	-	W	-	390.5
July 2020	-	-	675.0	101.9	W	1.2	-	W	-	368.4
Iowa										
July 2021	-	-	W	W	-	-	-	8.8	-	W
June 2021	-	-	W	W	-	-	-	W	W	W
July 2020	-	-	19.1	W	-	-	-	W	W	W
Kansas										
July 2021	W	W	W	W	-	W	-	7.8	-	1,392.0
June 2021	W	W	W	W	-	W	-	7.1	-	1,485.3
July 2020	W	W	W	W	-	W	W	6.9	-	1,516.6
Kentucky										
July 2021	W	W	W	389.9	-	W	W	W	-	396.7
June 2021	W	W	W	322.1	-	W	W	W	-	363.3
July 2020	W	W	1,305.2	193.0	W	W	W	-	W	438.1
Michigan										
July 2021	-	-	W	541.6	-	W	W	W	-	373.2
June 2021	-	-	W	379.3	-	W	W	W	-	459.8
July 2020	W	-	120.6	310.5	W	W	W	W	W	251.5
Minnesota										
July 2021	W	W	W	898.3	W	W	W	12.2	W	248.9
June 2021	W	W	W	781.2	W	W	W	14.9	W	253.9
July 2020	W	W	W	463.2	W	W	-	11.1	W	329.0
Missouri										
July 2021	W	-	W	W	-	-	-	W	-	134.8
June 2021	W	-	W	W	-	-	W	W	-	119.0
July 2020	W	-	W	W	-	-	W	W	-	126.7

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
July 2021	W	-	W	W	-	-	-	W	W	W
June 2021	W	-	W	W	-	-	-	W	W	W
July 2020	NA	-	W	W	-	-	-	2.3	W	W
North Dakota										
July 2021	-	-	W	W	-	-	W	6.1	W	576.7
June 2021	-	-	W	W	-	-	W	5.9	W	582.8
July 2020	-	-	W	W	-	-	W	4.5	W	428.3
Ohio										
July 2021	W	W	421.5	447.7	-	W	-	W	-	789.6
June 2021	W	W	412.3	324.6	-	W	-	W	-	694.1
July 2020	W	-	300.2	210.6	W	W	-	W	-	466.6
Oklahoma										
July 2021	W	-	W	478.5	-	W	-	-	W	165.1
June 2021	W	-	W	555.3	-	W	-	W	W	150.7
July 2020	W	-	W	W	-	W	-	W	W	176.2
South Dakota										
July 2021	W	-	W	-	-	-	W	W	W	W
June 2021	-	-	W	-	-	-	W	1.0	W	W
July 2020	-	-	W	-	-	-	W	W	W	W
Tennessee										
July 2021	W	W	W	231.5	-	-	-	-	-	138.0
June 2021	W	W	W	219.2	-	W	-	-	-	151.4
July 2020	-	W	W	163.0	W	-	-	-	-	131.2
Wisconsin										
July 2021	-	-	54.4	W	-	W	-	W	W	312.8
June 2021	-	-	49.8	W	-	-	-	W	W	283.4
July 2020	-	-	W	W	W	-	W	W	W	321.1
PAD District 3										
July 2021	W	W	6,820.3	10,589.3	-	W	-	W	4,481.7	7,458.2
June 2021	W	124.1	6,844.0	11,397.9	-	W	-	W	3,095.9	8,207.6
July 2020	W	118.6	4,403.3	7,005.3	-	W	-	-	2,042.0	8,320.6
Alabama										
July 2021	-	W	73.9	86.3	-	W	-	-	-	154.5
June 2021	-	W	92.2	282.0	-	W	-	-	-	149.0
July 2020	-	W	48.5	245.1	-	W	-	-	-	96.1
Arkansas										
July 2021	W	W	W	W	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
Louisiana										
July 2021	W	W	1,287.8	3,725.5	-	W	-	W	W	374.6
June 2021	W	W	1,378.4	3,393.0	-	W	-	W	W	284.9
July 2020	-	W	471.0	2,217.2	-	W	-	-	773.3	244.5
Mississippi										
July 2021	-	W	750.5	923.7	-	-	-	-	-	314.2
June 2021	-	W	W	750.8	-	W	-	-	-	327.2
July 2020	-	W	236.7	843.2	-	-	-	-	-	334.1
New Mexico										
July 2021	W	-	W	W	-	-	-	-	-	W
June 2021	W	-	W	W	-	-	-	-	-	W
July 2020	W	-	W	W	-	-	-	-	-	W
Texas										
July 2021	W	107.1	4,657.6	5,763.5	-	W	-	-	W	6,495.3
June 2021	W	112.9	4,483.2	6,832.2	-	W	-	-	W	7,332.8
July 2020	-	104.1	3,619.9	3,634.8	-	W	-	-	1,268.7	7,534.4

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
July 2021	W	W	1,070.6	1,486.9	-	-	W	9.8	W	940.5
June 2021	W	W	935.5	1,161.4	-	-	W	10.6	W	871.6
July 2020	W	W	570.2	766.7	-	-	W	W	W	988.1
Colorado										
July 2021	W	-	327.2	901.1	-	-	W	W	-	345.3
June 2021	W	-	265.6	654.5	-	-	W	W	-	327.1
July 2020	W	-	W	420.3	-	-	W	4.1	-	379.8
Idaho										
July 2021	-	-	W	64.7	-	-	W	W	W	W
June 2021	-	-	W	31.9	-	-	W	W	W	W
July 2020	-	-	34.0	19.7	-	-	W	W	W	W
Montana										
July 2021	W	W	W	W	-	-	W	6.7	W	144.0
June 2021	-	W	W	W	-	-	W	7.7	W	160.8
July 2020	W	W	W	W	-	-	W	6.1	W	134.8
Utah										
July 2021	-	W	487.8	319.9	-	-	-	W	-	W
June 2021	-	W	455.4	289.3	-	-	-	-	-	W
July 2020	-	W	277.4	204.0	-	-	-	-	-	W
Wyoming										
July 2021	-	-	117.9	W	-	-	-	1.2	-	365.4
June 2021	-	-	W	W	-	-	-	1.5	-	307.9
July 2020	-	-	W	W	-	-	-	1.0	-	395.9
PAD District 5										
July 2021	W	197.6	9,771.0	7,290.2	NA	W	W	73.1	W	1,462.3
June 2021	W	W	9,371.9	7,193.8	NA	W	W	58.6	W	1,468.2
July 2020	W	W	7,573.5	5,240.7	W	W	W	80.7	W	1,240.4
Alaska										
July 2021	-	W	W	W	-	-	W	W	W	W
June 2021	-	W	W	W	-	-	W	W	W	W
July 2020	W	W	W	W	-	-	W	W	W	W
Arizona										
July 2021	W	W	92.5	237.1	-	-	-	-	-	72.7
June 2021	W	W	W	W	-	-	-	-	-	79.8
July 2020	W	W	W	120.1	-	-	-	-	-	114.9
California										
July 2021	W	146.7	4,871.3	5,304.9	-	W	-	-	-	1,021.4
June 2021	W	39.1	4,635.2	5,078.7	-	W	-	-	-	1,006.5
July 2020	W	W	3,979.7	4,199.5	W	W	-	-	-	719.6
Hawaii										
July 2021	-	-	W	NA	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
Nevada										
July 2021	-	-	W	W	-	-	-	-	-	W
June 2021	-	-	W	W	-	-	-	-	-	W
July 2020	-	-	W	W	-	-	-	-	-	W
Oregon										
July 2021	-	W	445.2	W	-	-	-	W	W	W
June 2021	-	W	386.6	W	-	-	-	W	W	W
July 2020	-	W	227.5	83.6	-	-	-	-	W	W
Washington										
July 2021	-	W	1,960.8	403.4	NA	-	-	W	W	328.8
June 2021	-	W	1,700.3	524.5	NA	-	-	W	W	345.1
July 2020	W	W	1,167.1	215.5	NA	-	-	W	W	356.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
July 2021	7,737.9	145,303.5	W	-	W	822.4
June 2021	W	156,373.4	-	-	W	1,237.6
July 2020	8,962.4	142,204.8	W	-	W	1,169.4
PAD District 1						
July 2021	846.6	W	-	-	-	W
June 2021	1,078.8	32,381.2	-	-	-	W
July 2020	W	W	-	-	-	W
Subdistrict 1A						
July 2021	W	1,316.4	-	-	-	-
June 2021	W	W	-	-	-	-
July 2020	W	1,432.2	-	-	-	-
Connecticut						
July 2021	W	W	-	-	-	-
June 2021	W	W	-	-	-	-
July 2020	W	795.1	-	-	-	-
Maine						
July 2021	-	W	-	-	-	-
June 2021	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
Massachusetts						
July 2021	-	321.3	-	-	-	-
June 2021	-	312.0	-	-	-	-
July 2020	W	W	-	-	-	-
New Hampshire						
July 2021	-	W	-	-	-	-
June 2021	-	W	-	-	-	-
July 2020	W	W	-	-	-	-
Rhode Island						
July 2021	-	W	-	-	-	-
June 2021	-	W	-	-	-	-
July 2020	W	W	-	-	-	-
Vermont						
July 2021	-	W	-	-	-	-
June 2021	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
Subdistrict 1B						
July 2021	W	W	-	-	-	W
June 2021	W	W	-	-	-	W
July 2020	W	W	-	-	-	W
Delaware						
July 2021	W	W	-	-	-	-
June 2021	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
District of Columbia						
July 2021	-	W	-	-	-	-
June 2021	-	W	-	-	-	-
July 2020	-	W	-	-	-	-
Maryland						
July 2021	-	W	-	-	-	-
June 2021	-	1,151.7	-	-	-	-
July 2020	W	1,399.2	-	-	-	W
New Jersey						
July 2021	W	W	-	-	-	W
June 2021	W	W	-	-	-	W
July 2020	81.3	W	-	-	-	W
New York						
July 2021	70.0	W	-	-	-	W
June 2021	73.0	W	-	-	-	W
July 2020	162.2	W	-	-	-	W
Pennsylvania						
July 2021	231.1	4,003.9	-	-	-	-
June 2021	252.4	4,960.6	-	-	-	-
July 2020	254.6	W	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
July 2021		W	15,160.3	-	-	-
June 2021		W	16,639.5	-	-	-
July 2020	832.7		14,263.8	-	-	-
Florida						
July 2021	138.0		W	-	-	-
June 2021	162.3		W	-	-	-
July 2020	257.1		4,458.8	-	-	-
Georgia						
July 2021	137.0		2,511.1	-	-	-
June 2021	133.0		2,835.2	-	-	-
July 2020	67.6		2,546.8	-	-	-
North Carolina						
July 2021	91.0		W	-	-	-
June 2021	82.6		W	-	-	-
July 2020	238.1		W	-	-	-
South Carolina						
July 2021		W	1,447.1	-	-	-
June 2021		W	1,772.7	-	-	-
July 2020		W	1,454.9	-	-	-
Virginia						
July 2021	7.0		W	-	-	-
June 2021	7.8		W	-	-	-
July 2020	6.6		W	-	-	-
West Virginia						
July 2021		W	W	-	-	-
June 2021		W	W	-	-	-
July 2020		W	W	-	-	-
PAD District 2						
July 2021		W	W	-	-	-
June 2021		W	49,742.8	-	-	-
July 2020		W	W	-	-	-
Illinois						
July 2021	81.9		6,366.5	-	-	-
June 2021	78.8		6,634.7	-	-	-
July 2020	118.3		6,996.5	-	-	-
Indiana						
July 2021		W	3,437.5	-	-	-
June 2021		W	3,522.6	-	-	-
July 2020	174.2		3,943.7	-	-	-
Iowa						
July 2021		W	1,856.0	-	-	-
June 2021		W	2,039.9	-	-	-
July 2020		W	1,832.5	-	-	-
Kansas						
July 2021	454.6		3,719.9	-	-	-
June 2021		W	4,092.2	-	-	-
July 2020	463.5		3,425.0	-	-	-
Kentucky						
July 2021		W	2,070.6	-	-	-
June 2021		W	2,149.4	-	-	-
July 2020	322.2		1,545.7	-	-	-
Michigan						
July 2021		W	W	-	-	-
June 2021		W	W	-	-	-
July 2020	194.6		W	-	-	-
Minnesota						
July 2021	198.5		W	-	-	-
June 2021	225.9		W	-	-	-
July 2020	216.5		W	-	-	-
Missouri						
July 2021	0.9		1,777.4	-	-	-
June 2021	1.1		1,900.9	-	-	-
July 2020	1.1		1,583.0	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
July 2021	342.8	1,657.8	-	-	-	-
June 2021	432.0	1,577.2	-	-	-	-
July 2020	354.4	1,491.0	-	-	-	-
North Dakota						
July 2021	268.7	1,104.5	-	-	-	-
June 2021	287.5	1,116.7	-	-	-	-
July 2020	229.8	1,093.1	-	-	-	-
Ohio						
July 2021	W	5,769.5	-	-	-	-
June 2021	W	5,982.2	-	-	-	-
July 2020	418.7	5,289.6	-	-	-	-
Oklahoma						
July 2021	172.7	6,004.4	-	-	-	-
June 2021	341.7	7,683.2	-	-	-	-
July 2020	170.2	6,034.4	-	-	-	-
South Dakota						
July 2021	W	707.8	-	-	-	-
June 2021	W	673.3	-	-	-	-
July 2020	W	752.4	-	-	-	-
Tennessee						
July 2021	193.1	3,483.4	-	-	-	-
June 2021	206.2	W	-	-	-	-
July 2020	190.7	3,489.4	-	-	-	-
Wisconsin						
July 2021	W	2,500.4	-	-	-	-
June 2021	W	2,711.4	-	-	-	-
July 2020	W	W	-	-	-	-
PAD District 3						
July 2021	1,769.9	W	-	-	-	-
June 2021	1,874.7	W	-	-	-	-
July 2020	1,724.5	42,686.3	-	-	-	596.3
Alabama						
July 2021	164.8	W	-	-	-	-
June 2021	184.4	1,978.0	-	-	-	-
July 2020	124.5	1,678.6	-	-	-	-
Arkansas						
July 2021	W	1,651.5	-	-	-	-
June 2021	W	1,668.0	-	-	-	-
July 2020	W	1,725.7	-	-	-	-
Louisiana						
July 2021	NA	W	-	-	-	-
June 2021	W	9,144.2	-	-	-	-
July 2020	W	10,016.8	-	-	-	-
Mississippi						
July 2021	12.0	W	-	-	-	-
June 2021	12.4	W	-	-	-	-
July 2020	34.8	1,911.2	-	-	-	-
New Mexico						
July 2021	91.3	1,469.5	-	-	-	-
June 2021	78.2	1,517.6	-	-	-	-
July 2020	97.0	1,055.1	-	-	-	-
Texas						
July 2021	W	W	-	-	-	-
June 2021	1,387.3	W	-	-	-	-
July 2020	1,188.3	26,299.0	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
July 2021	W	6,642.5	-	-	-	-
June 2021	W	7,077.7	-	-	-	-
July 2020	W	6,844.8	-	-	-	-
Colorado						
July 2021	192.5	1,764.4	-	-	-	-
June 2021	166.3	1,684.6	-	-	-	-
July 2020	207.0	1,843.7	-	-	-	-
Idaho						
July 2021	W	897.2	-	-	-	-
June 2021	W	1,089.0	-	-	-	-
July 2020	W	960.5	-	-	-	-
Montana						
July 2021	194.0	1,336.8	-	-	-	-
June 2021	180.0	1,226.7	-	-	-	-
July 2020	180.9	1,160.6	-	-	-	-
Utah						
July 2021	W	1,636.0	-	-	-	-
June 2021	W	2,023.6	-	-	-	-
July 2020	W	1,949.0	-	-	-	-
Wyoming						
July 2021	219.7	1,008.0	-	-	-	-
June 2021	219.4	1,053.8	-	-	-	-
July 2020	203.3	930.9	-	-	-	-
PAD District 5						
July 2021	W	20,597.2	W	-	W	W
June 2021	W	W	-	-	W	W
July 2020	W	W	W	-	W	W
Alaska						
July 2021	W	W	-	-	-	-
June 2021	W	W	-	-	-	-
July 2020	W	W	-	-	-	-
Arizona						
July 2021	342.2	1,233.7	-	-	-	-
June 2021	343.7	1,295.2	-	-	-	-
July 2020	385.5	914.9	-	-	-	-
California						
July 2021	903.8	12,180.0	-	-	-	W
June 2021	964.0	11,864.1	-	-	-	W
July 2020	942.5	W	-	-	-	W
Hawaii						
July 2021	W	W	W	-	W	W
June 2021	W	W	-	-	W	W
July 2020	W	W	W	-	W	W
Nevada						
July 2021	W	448.9	-	-	-	-
June 2021	W	522.8	-	-	-	-
July 2020	W	480.9	-	-	-	-
Oregon						
July 2021	17.3	2,218.7	-	-	-	-
June 2021	21.5	2,107.8	-	-	-	-
July 2020	23.5	2,150.2	-	-	-	-
Washington						
July 2021	178.7	W	-	-	-	W
June 2021	W	W	-	-	-	W
July 2020	W	W	-	-	-	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
July 2021	46.5	2,776.5	7,926.1	148,902.3
June 2021	51.4	4,100.1	8,803.7	161,711.1
July 2020	115.5	3,856.1	9,564.7	147,230.3
PAD District 1				
July 2021	-	1,275.5	846.6	28,658.3
June 2021	-	W	1,078.8	34,513.4
July 2020	W	1,826.9	1,368.9	29,841.7
Subdistrict 1A				
July 2021	-	182.2	W	1,498.5
June 2021	-	W	W	1,590.9
July 2020	-	638.5	W	2,070.7
Connecticut				
July 2021	-	W	W	677.4
June 2021	-	W	W	704.6
July 2020	-	361.0	W	1,156.1
Maine				
July 2021	-	W	-	128.8
June 2021	-	W	-	143.8
July 2020	-	W	-	284.3
Massachusetts				
July 2021	-	29.4	-	350.7
June 2021	-	59.1	-	371.1
July 2020	-	W	W	259.8
New Hampshire				
July 2021	-	W	-	W
June 2021	-	-	-	W
July 2020	-	-	W	W
Rhode Island				
July 2021	-	W	-	230.8
June 2021	-	W	-	242.1
July 2020	-	W	W	268.4
Vermont				
July 2021	-	W	-	W
June 2021	-	W	-	W
July 2020	-	W	-	W
Subdistrict 1B				
July 2021	-	935.0	W	11,841.2
June 2021	-	1,455.4	W	16,059.9
July 2020	W	1,157.4	W	13,476.2
Delaware				
July 2021	-	W	W	W
June 2021	-	W	W	W
July 2020	-	W	W	W
District of Columbia				
July 2021	-	-	-	W
June 2021	-	-	-	W
July 2020	-	-	-	W
Maryland				
July 2021	-	W	-	1,133.0
June 2021	-	W	-	1,210.2
July 2020	W	W	W	1,417.1
New Jersey				
July 2021	-	580.5	W	4,968.1
June 2021	-	1,035.3	W	8,040.2
July 2020	-	904.4	81.3	6,053.0
New York				
July 2021	-	135.4	70.0	1,205.2
June 2021	-	167.7	73.0	1,303.1
July 2020	-	142.0	162.2	1,090.5
Pennsylvania				
July 2021	-	200.4	231.1	4,204.3
June 2021	-	190.0	252.4	5,150.6
July 2020	-	W	254.6	4,604.2

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
July 2021	-	158.3	522.9	15,318.5
June 2021	-	223.1	701.6	16,862.6
July 2020	-	31.0	832.7	14,294.9
Florida				
July 2021	-	W	138.0	4,981.6
June 2021	-	W	162.3	5,612.9
July 2020	-	-	257.1	4,458.8
Georgia				
July 2021	-	-	137.0	2,511.1
June 2021	-	-	133.0	2,835.2
July 2020	-	-	67.6	2,546.8
North Carolina				
July 2021	-	W	91.0	3,348.3
June 2021	-	W	82.6	3,369.0
July 2020	-	W	238.1	2,904.4
South Carolina				
July 2021	-	-	W	1,447.1
June 2021	-	-	W	1,772.7
July 2020	-	-	W	1,454.9
Virginia				
July 2021	-	W	7.0	2,478.1
June 2021	-	W	7.8	2,729.3
July 2020	-	W	W	2,406.1
West Virginia				
July 2021	-	W	W	552.3
June 2021	-	W	W	543.5
July 2020	-	W	222.9	523.9
PAD District 2				
July 2021	W	W	2,464.5	45,965.5
June 2021	W	17.9	2,941.2	49,760.7
July 2020	W	W	3,008.5	45,055.1
Illinois				
July 2021	-	-	81.9	6,366.5
June 2021	-	-	78.8	6,634.7
July 2020	-	-	118.3	6,996.5
Indiana				
July 2021	-	-	W	3,437.5
June 2021	-	-	W	3,522.6
July 2020	-	-	174.2	3,943.7
Iowa				
July 2021	-	-	W	1,856.0
June 2021	-	-	W	2,039.9
July 2020	-	-	W	1,832.5
Kansas				
July 2021	-	-	454.6	3,719.9
June 2021	-	-	W	4,092.2
July 2020	-	-	463.5	3,425.0
Kentucky				
July 2021	-	-	W	2,070.6
June 2021	-	-	W	2,149.4
July 2020	-	-	322.2	1,545.7
Michigan				
July 2021	-	W	W	2,843.3
June 2021	-	W	W	3,022.2
July 2020	-	W	194.6	2,774.4
Minnesota				
July 2021	-	W	198.5	2,666.6
June 2021	-	W	225.9	2,955.0
July 2020	-	W	216.5	2,329.1
Missouri				
July 2021	-	-	0.9	1,777.4
June 2021	-	-	1.1	1,900.9
July 2020	-	-	1.1	1,583.0

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
July 2021	-	-	342.8	1,657.8
June 2021	-	-	432.0	1,577.2
July 2020	-	-	354.4	1,491.0
North Dakota				
July 2021	-	-	268.7	1,104.5
June 2021	-	-	287.5	1,116.7
July 2020	-	-	229.8	1,093.1
Ohio				
July 2021	-	-	W	5,769.5
June 2021	-	-	W	5,982.2
July 2020	-	-	418.7	5,289.6
Oklahoma				
July 2021	-	-	172.7	6,004.4
June 2021	-	-	341.7	7,683.2
July 2020	-	-	170.2	6,034.4
South Dakota				
July 2021	W	-	W	707.8
June 2021	W	-	W	673.3
July 2020	W	-	W	752.4
Tennessee				
July 2021	-	-	193.1	3,483.4
June 2021	-	W	206.2	3,699.9
July 2020	-	-	190.7	3,489.4
Wisconsin				
July 2021	W	-	12.1	2,500.4
June 2021	W	-	14.7	2,711.4
July 2020	W	W	36.6	2,475.3
PAD District 3				
July 2021	-	1,492.9	1,769.9	46,453.0
June 2021	-	2,135.5	1,874.7	49,237.7
July 2020	-	1,894.4	1,724.5	45,177.0
Alabama				
July 2021	-	W	164.8	1,807.5
June 2021	-	-	184.4	1,978.0
July 2020	-	-	124.5	1,678.6
Arkansas				
July 2021	-	-	W	1,651.5
June 2021	-	-	W	1,668.0
July 2020	-	-	W	1,725.7
Louisiana				
July 2021	-	426.0	W	9,064.4
June 2021	-	W	W	10,532.9
July 2020	-	W	W	10,673.7
Mississippi				
July 2021	-	W	12.0	2,582.3
June 2021	-	W	12.4	2,521.7
July 2020	-	-	34.8	1,911.2
New Mexico				
July 2021	-	-	91.3	1,469.5
June 2021	-	-	78.2	1,517.6
July 2020	-	-	97.0	1,055.1
Texas				
July 2021	-	836.2	1,322.1	29,877.8
June 2021	-	1,137.2	1,387.3	31,019.5
July 2020	-	W	1,188.3	28,132.7

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
July 2021	W	-	961.9	6,642.5
June 2021	W	-	902.0	7,077.7
July 2020	W	-	953.6	6,844.8
Colorado				
July 2021	-	-	192.5	1,764.4
June 2021	-	-	W	1,684.6
July 2020	-	-	207.0	1,843.7
Idaho				
July 2021	W	-	40.5	897.2
June 2021	W	-	W	1,089.0
July 2020	W	-	49.5	960.5
Montana				
July 2021	-	-	194.0	1,336.8
June 2021	-	-	180.0	1,226.7
July 2020	-	-	180.9	1,160.6
Utah				
July 2021	W	-	315.2	1,636.0
June 2021	W	-	298.1	2,023.6
July 2020	W	-	312.9	1,949.0
Wyoming				
July 2021	-	-	219.7	1,008.0
June 2021	-	-	219.4	1,053.8
July 2020	-	-	203.3	930.9
PAD District 5				
July 2021	W	W	1,883.1	21,183.1
June 2021	W	W	2,007.1	21,121.7
July 2020	W	W	2,509.3	20,311.6
Alaska				
July 2021	W	W	W	W
June 2021	W	W	W	W
July 2020	W	W	W	W
Arizona				
July 2021	-	-	342.2	1,233.7
June 2021	-	-	343.7	1,295.2
July 2020	-	-	385.5	914.9
California				
July 2021	-	W	903.8	12,486.8
June 2021	-	W	964.0	12,120.2
July 2020	-	-	942.5	12,671.7
Hawaii				
July 2021	-	-	W	W
June 2021	-	-	W	W
July 2020	-	-	W	W
Nevada				
July 2021	W	-	W	448.9
June 2021	W	-	5.9	522.8
July 2020	W	-	W	480.9
Oregon				
July 2021	-	-	17.3	2,218.7
June 2021	-	-	21.5	2,107.8
July 2020	-	-	23.5	2,150.2
Washington				
July 2021	-	-	178.7	4,058.4
June 2021	W	-	205.5	4,367.3
July 2020	-	-	422.4	3,498.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

Geographic area month	Residual fuel oil				No. 4 fuel[a]			
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
July 2021	W	2,478.4	W	1,622.7	1,760.9	4,101.1	-	W
June 2021	W	2,970.1	W	2,811.6	2,166.4	5,781.6	-	W
July 2020	W	3,292.5	W	1,127.0	2,007.5	4,419.5	-	W
PAD District 1								
July 2021	W	W	-	W	W	1,578.7	-	-
June 2021	W	W	-	W	W	W	-	-
July 2020	W	W	-	W	W	W	-	-
Subdistrict 1A								
July 2021	-	-	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-
Subdistrict 1B								
July 2021	W	W	-	W	W	1,578.7	-	-
June 2021	W	W	-	W	W	W	-	-
July 2020	W	W	-	W	W	W	-	-
Subdistrict 1C								
July 2021	-	-	-	-	-	-	-	-
June 2021	-	-	-	-	-	-	-	-
July 2020	-	-	-	-	-	-	-	-
PAD District 2								
July 2021	-	-	W	-	W	-	-	-
June 2021	-	-	W	-	W	-	-	-
July 2020	-	-	W	-	W	-	-	-
PAD District 3								
July 2021	W	1,189.6	W	409.5	W	1,599.2	-	W
June 2021	W	1,176.7	W	1,054.1	W	2,230.7	-	W
July 2020	W	W	W	W	W	1,973.8	-	W
PAD District 4								
July 2021	-	W	-	-	-	W	-	-
June 2021	-	W	-	-	-	W	-	-
July 2020	-	W	-	-	-	W	-	-
PAD District 5								
July 2021	W	W	W	W	1,463.6	W	-	-
June 2021	W	W	W	W	1,902.8	1,196.0	-	-
July 2020	W	W	W	W	W	938.7	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
 thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2021	221,754.9	96,739.0	318,493.8	3,155.6	1,517.1	4,672.7
June 2021	220,795.3	97,785.6	318,580.9	3,120.5	1,473.7	4,594.2
July 2020	205,760.0	88,491.2	294,251.2	3,652.1	1,850.9	5,503.1
PAD District 1						
July 2021	67,935.7	37,474.0	105,409.7	1,214.0	589.7	1,803.7
June 2021	67,901.8	37,793.0	105,694.8	1,213.8	551.4	1,765.2
July 2020	63,030.6	34,565.5	97,596.2	1,451.4	723.2	2,174.6
Subdistrict 1A						
July 2021	1,817.7	11,736.0	13,553.7	27.0	185.7	212.7
June 2021	1,721.9	12,026.7	13,748.6	24.2	175.2	199.4
July 2020	1,696.7	11,286.1	12,982.8	33.9	230.1	264.0
Connecticut						
July 2021	-	3,169.4	3,169.4	-	43.3	43.3
June 2021	-	3,230.8	3,230.8	-	40.9	40.9
July 2020	-	3,068.4	3,068.4	-	47.7	47.7
Maine						
July 2021	758.1	1,089.3	1,847.4	20.6	18.0	38.5
June 2021	740.0	1,083.5	1,823.5	18.1	15.8	33.9
July 2020	707.3	1,001.4	1,708.7	25.8	23.1	48.9
Massachusetts						
July 2021	-	5,073.0	5,073.0	-	87.8	87.8
June 2021	-	5,222.7	5,222.7	-	86.4	86.4
July 2020	-	4,868.8	4,868.8	-	117.1	117.1
New Hampshire						
July 2021	357.2	1,029.0	1,386.1	1.7	18.7	20.4
June 2021	324.2	1,050.5	1,374.7	1.4	14.7	16.2
July 2020	341.1	960.6	1,301.7	3.2	16.1	19.3
Rhode Island						
July 2021	-	1,375.4	1,375.4	-	17.9	17.9
June 2021	-	1,439.2	1,439.2	-	17.4	17.4
July 2020	-	1,386.9	1,386.9	-	26.3	26.3
Vermont						
July 2021	702.5	-	702.5	4.7	-	4.7
June 2021	657.7	-	657.7	4.7	-	4.7
July 2020	648.3	-	648.3	4.9	-	4.9
Subdistrict 1B						
July 2021	13,388.5	22,005.2	35,393.7	123.6	351.2	474.7
June 2021	13,431.6	22,081.7	35,513.3	116.6	329.5	446.1
July 2020	12,383.7	19,895.2	32,278.9	171.9	441.9	613.8
Delaware						
July 2021	-	1,414.4	1,414.4	-	18.5	18.5
June 2021	-	1,396.0	1,396.0	-	15.2	15.2
July 2020	-	1,014.4	1,014.4	-	8.3	8.3
District of Columbia						
July 2021	-	155.5	155.5	-	2.8	2.8
June 2021	-	151.8	151.8	-	2.9	2.9
July 2020	-	133.7	133.7	-	3.3	3.3
Maryland						
July 2021	757.6	3,650.0	4,407.6	15.7	54.2	70.0
June 2021	754.8	3,602.0	4,356.7	10.3	49.7	60.0
July 2020	660.7	3,393.7	4,054.4	16.7	61.3	77.9
New Jersey						
July 2021	-	8,153.9	8,153.9	-	102.8	102.8
June 2021	-	8,206.3	8,206.3	-	97.7	97.7
July 2020	-	7,298.6	7,298.6	-	124.5	124.5
New York						
July 2021	5,846.8	6,383.6	12,230.4	65.5	161.8	227.2
June 2021	5,916.2	6,506.4	12,422.6	64.9	154.3	219.3
July 2020	5,436.2	5,847.8	11,283.9	93.4	218.0	311.5
Pennsylvania						
July 2021	6,784.1	2,247.8	9,031.9	42.4	11.0	53.4
June 2021	6,760.6	2,219.3	8,979.9	41.3	9.6	51.0
July 2020	6,286.9	2,207.0	8,493.9	61.8	26.5	88.4

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
July 2021	27,874.5	20,375.1	48,249.6	252,785.1	118,631.1	371,416.2
June 2021	27,763.5	20,462.1	48,225.5	251,679.3	119,721.4	371,400.7
July 2020	26,523.3	18,711.9	45,235.2	235,935.4	109,054.0	344,989.4
PAD District 1						
July 2021	8,895.3	7,344.6	16,240.0	78,045.1	45,408.4	123,453.5
June 2021	8,984.8	7,324.1	16,308.9	78,100.5	45,668.4	123,768.9
July 2020	8,323.6	6,825.2	15,148.8	72,805.6	42,114.0	114,919.5
Subdistrict 1A						
July 2021	155.7	1,992.9	2,148.6	2,000.5	13,914.6	15,915.0
June 2021	146.4	2,044.5	2,191.0	1,892.6	14,246.5	16,139.0
July 2020	145.2	1,971.8	2,117.0	1,875.8	13,488.0	15,363.8
Connecticut						
July 2021	-	638.3	638.3	-	3,851.0	3,851.0
June 2021	-	648.5	648.5	-	3,920.2	3,920.2
July 2020	-	615.7	615.7	-	3,731.8	3,731.8
Maine						
July 2021	37.3	124.9	162.1	815.9	1,232.2	2,048.1
June 2021	34.4	116.4	150.8	792.4	1,215.8	2,008.2
July 2020	38.1	121.5	159.6	771.2	1,146.0	1,917.2
Massachusetts						
July 2021	-	865.0	865.0	-	6,025.7	6,025.7
June 2021	-	894.7	894.7	-	6,203.8	6,203.8
July 2020	-	844.7	844.7	-	5,830.6	5,830.6
New Hampshire						
July 2021	36.3	133.8	170.2	395.2	1,181.5	1,576.7
June 2021	35.1	142.1	177.2	360.7	1,207.4	1,568.1
July 2020	25.4	144.8	170.2	369.7	1,121.5	1,491.2
Rhode Island						
July 2021	-	230.9	230.9	-	1,624.2	1,624.2
June 2021	-	242.8	242.8	-	1,699.4	1,699.4
July 2020	-	245.0	245.0	-	1,658.2	1,658.2
Vermont						
July 2021	82.2	-	82.2	789.4	-	789.4
June 2021	77.0	-	77.0	739.4	-	739.4
July 2020	81.7	-	81.7	734.9	-	734.9
Subdistrict 1B						
July 2021	1,445.7	4,624.4	6,070.2	14,957.8	26,980.8	41,938.6
June 2021	1,422.9	4,574.5	5,997.4	14,971.0	26,985.8	41,956.8
July 2020	1,463.5	4,203.8	5,667.3	14,019.1	24,540.9	38,560.0
Delaware						
July 2021	-	181.9	181.9	-	1,614.8	1,614.8
June 2021	-	173.4	173.4	-	1,584.6	1,584.6
July 2020	-	134.9	134.9	-	1,157.6	1,157.6
District of Columbia						
July 2021	-	36.6	36.6	-	194.9	194.9
June 2021	-	34.3	34.3	-	189.0	189.0
July 2020	-	29.3	29.3	-	166.3	166.3
Maryland						
July 2021	85.9	680.2	766.1	859.2	4,384.5	5,243.7
June 2021	74.8	660.4	735.3	839.9	4,312.1	5,152.0
July 2020	72.2	614.8	687.1	749.6	4,069.8	4,819.4
New Jersey						
July 2021	-	1,455.8	1,455.8	-	9,712.5	9,712.5
June 2021	-	1,453.7	1,453.7	-	9,757.7	9,757.7
July 2020	-	1,327.2	1,327.2	-	8,750.3	8,750.3
New York						
July 2021	651.2	1,849.4	2,500.6	6,563.4	8,394.8	14,958.2
June 2021	642.5	1,845.8	2,488.2	6,623.6	8,506.5	15,130.1
July 2020	675.4	1,727.0	2,402.4	6,204.9	7,792.8	13,997.8
Pennsylvania						
July 2021	708.6	420.5	1,129.1	7,535.1	2,679.3	10,214.5
June 2021	705.6	407.0	1,112.6	7,507.5	2,636.0	10,143.5
July 2020	715.9	370.6	1,086.5	7,064.6	2,604.1	9,668.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2021	52,729.6	3,732.8	56,462.4	1,063.5	52.8	1,116.3
June 2021	52,748.4	3,684.5	56,432.9	1,073.0	46.6	1,119.7
July 2020	48,950.2	3,384.3	52,334.5	1,245.5	51.2	1,296.7
Florida						
July 2021	17,713.1	-	17,713.1	281.6	-	281.6
June 2021	17,952.4	-	17,952.4	277.2	-	277.2
July 2020	16,040.0	-	16,040.0	329.9	-	329.9
Georgia						
July 2021	11,916.4	-	11,916.4	335.8	-	335.8
June 2021	11,871.4	-	11,871.4	344.9	-	344.9
July 2020	11,353.5	-	11,353.5	335.4	-	335.4
North Carolina						
July 2021	11,144.6	-	11,144.6	208.1	-	208.1
June 2021	11,067.7	-	11,067.7	212.4	-	212.4
July 2020	10,379.6	-	10,379.6	304.0	-	304.0
South Carolina						
July 2021	6,343.9	-	6,343.9	173.1	-	173.1
June 2021	6,349.0	-	6,349.0	173.7	-	173.7
July 2020	6,055.8	-	6,055.8	193.9	-	193.9
Virginia						
July 2021	3,896.4	3,732.8	7,629.1	55.8	52.8	108.6
June 2021	3,839.1	3,684.5	7,523.6	57.5	46.6	104.1
July 2020	3,630.8	3,384.3	7,015.1	65.0	51.2	116.2
West Virginia						
July 2021	1,715.2	-	1,715.2	9.0	-	9.0
June 2021	1,668.6	-	1,668.6	7.3	-	7.3
July 2020	1,490.4	-	1,490.4	17.4	-	17.4
PAD District 2						
July 2021	81,995.8	12,737.8	94,733.5	888.8	116.3	1,005.1
June 2021	81,481.0	12,873.5	94,354.5	853.5	117.5	971.0
July 2020	76,435.2	11,827.3	88,262.5	1,092.4	177.8	1,270.2
Illinois						
July 2021	4,069.9	6,479.1	10,548.9	44.8	45.1	89.9
June 2021	4,008.9	6,584.9	10,593.8	43.3	46.9	90.2
July 2020	4,004.0	6,147.2	10,151.2	49.1	84.1	133.2
Indiana						
July 2021	6,936.7	1,163.9	8,100.5	59.5	12.1	71.5
June 2021	6,878.4	1,181.8	8,060.2	38.5	12.0	50.4
July 2020	6,461.7	1,043.0	7,504.7	74.9	23.0	98.0
Iowa						
July 2021	3,425.8	-	3,425.8	80.8	-	80.8
June 2021	3,440.5	-	3,440.5	81.5	-	81.5
July 2020	3,232.6	-	3,232.6	89.7	-	89.7
Kansas						
July 2021	4,246.3	-	4,246.3	47.3	-	47.3
June 2021	4,320.8	-	4,320.8	48.5	-	48.5
July 2020	4,045.6	-	4,045.6	49.6	-	49.6
Kentucky						
July 2021	4,740.8	872.4	5,613.3	43.1	10.0	53.1
June 2021	4,656.1	852.9	5,509.0	43.4	10.8	54.2
July 2020	4,337.6	735.0	5,072.6	60.3	15.3	75.6
Michigan						
July 2021	11,630.6	-	11,630.6	69.4	-	69.4
June 2021	11,442.4	-	11,442.4	61.4	-	61.4
July 2020	11,003.1	-	11,003.1	115.7	-	115.7
Minnesota						
July 2021	5,858.6	-	5,858.6	89.5	-	89.5
June 2021	5,919.6	-	5,919.6	78.7	-	78.7
July 2020	5,262.2	-	5,262.2	97.5	-	97.5
Missouri						
July 2021	5,479.5	2,320.1	7,799.6	89.3	40.9	130.2
June 2021	5,421.8	2,331.2	7,753.0	90.7	40.7	131.4
July 2020	5,177.6	2,146.1	7,323.7	82.7	38.2	120.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
July 2021	7,293.8	727.4	8,021.2	61,086.9	4,513.0	65,599.8
June 2021	7,415.5	705.0	8,120.5	61,236.9	4,436.2	65,673.1
July 2020	6,714.9	649.6	7,364.5	56,910.6	4,085.1	60,995.7
Florida						
July 2021	2,715.9	-	2,715.9	20,710.6	-	20,710.6
June 2021	2,798.9	-	2,798.9	21,028.5	-	21,028.5
July 2020	2,483.4	-	2,483.4	18,853.3	-	18,853.3
Georgia						
July 2021	1,792.7	-	1,792.7	14,044.9	-	14,044.9
June 2021	1,809.5	-	1,809.5	14,025.8	-	14,025.8
July 2020	1,639.8	-	1,639.8	13,328.7	-	13,328.7
North Carolina						
July 2021	1,502.4	-	1,502.4	12,855.1	-	12,855.1
June 2021	1,502.2	-	1,502.2	12,782.3	-	12,782.3
July 2020	1,381.2	-	1,381.2	12,064.8	-	12,064.8
South Carolina						
July 2021	764.3	-	764.3	7,281.3	-	7,281.3
June 2021	773.7	-	773.7	7,296.4	-	7,296.4
July 2020	718.5	-	718.5	6,968.2	-	6,968.2
Virginia						
July 2021	368.5	727.4	1,095.8	4,320.6	4,513.0	8,833.6
June 2021	384.5	705.0	1,089.5	4,281.1	4,436.2	8,717.2
July 2020	350.3	649.6	999.9	4,046.1	4,085.1	8,131.2
West Virginia						
July 2021	150.0	-	150.0	1,874.3	-	1,874.3
June 2021	146.8	-	146.8	1,822.8	-	1,822.8
July 2020	141.8	-	141.8	1,649.6	-	1,649.6
PAD District 2						
July 2021	7,871.4	1,675.4	9,546.8	90,756.0	14,529.5	105,285.4
June 2021	7,797.5	1,703.4	9,500.9	90,132.0	14,694.4	104,826.4
July 2020	7,658.4	1,505.5	9,163.8	85,186.0	13,510.6	98,696.6
Illinois						
July 2021	258.4	969.9	1,228.4	4,373.1	7,494.1	11,867.2
June 2021	247.8	1,002.3	1,250.1	4,300.0	7,634.1	11,934.1
July 2020	301.3	877.8	1,179.1	4,354.4	7,109.1	11,463.5
Indiana						
July 2021	545.4	150.4	695.7	7,541.5	1,326.3	8,867.8
June 2021	549.9	147.1	697.0	7,466.8	1,340.9	8,807.7
July 2020	528.8	129.1	657.9	7,065.4	1,195.2	8,260.6
Iowa						
July 2021	343.5	-	343.5	3,850.1	-	3,850.1
June 2021	348.8	-	348.8	3,870.8	-	3,870.8
July 2020	331.9	-	331.9	3,654.2	-	3,654.2
Kansas						
July 2021	449.6	-	449.6	4,743.1	-	4,743.1
June 2021	442.9	-	442.9	4,812.2	-	4,812.2
July 2020	392.7	-	392.7	4,487.9	-	4,487.9
Kentucky						
July 2021	315.8	98.7	414.5	5,099.8	981.1	6,080.9
June 2021	307.5	96.3	403.7	5,007.0	960.0	5,967.0
July 2020	300.5	64.9	365.3	4,698.4	815.2	5,513.5
Michigan						
July 2021	926.5	-	926.5	12,626.4	-	12,626.4
June 2021	911.0	-	911.0	12,414.9	-	12,414.9
July 2020	919.0	-	919.0	12,037.9	-	12,037.9
Minnesota						
July 2021	782.3	-	782.3	6,730.4	-	6,730.4
June 2021	783.0	-	783.0	6,781.3	-	6,781.3
July 2020	765.8	-	765.8	6,125.5	-	6,125.5
Missouri						
July 2021	501.8	259.5	761.3	6,070.6	2,620.5	8,691.1
June 2021	496.1	258.8	754.9	6,008.6	2,630.8	8,639.4
July 2020	498.6	243.6	742.2	5,758.9	2,428.0	8,186.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2021	2,226.7	-	2,226.7	29.4	-	29.4
June 2021	2,287.3	-	2,287.3	33.7	-	33.7
July 2020	2,101.3	-	2,101.3	35.2	-	35.2
North Dakota						
July 2021	931.7	-	931.7	17.7	-	17.7
June 2021	964.6	-	964.6	20.1	-	20.1
July 2020	875.0	-	875.0	20.1	-	20.1
Ohio						
July 2021	12,641.6	-	12,641.6	60.7	-	60.7
June 2021	12,585.8	-	12,585.8	57.1	-	57.1
July 2020	11,779.5	-	11,779.5	138.1	-	138.1
Oklahoma						
July 2021	5,175.9	-	5,175.9	69.3	-	69.3
June 2021	5,136.0	-	5,136.0	69.9	-	69.9
July 2020	4,709.2	-	4,709.2	68.1	-	68.1
South Dakota						
July 2021	1,293.1	-	1,293.1	21.4	-	21.4
June 2021	1,251.8	-	1,251.8	21.8	-	21.8
July 2020	1,218.8	-	1,218.8	23.5	-	23.5
Tennessee						
July 2021	8,825.5	-	8,825.5	124.1	-	124.1
June 2021	8,693.8	-	8,693.8	125.4	-	125.4
July 2020	8,204.0	-	8,204.0	145.4	-	145.4
Wisconsin						
July 2021	4,513.1	1,902.3	6,415.4	42.6	8.2	50.8
June 2021	4,473.0	1,922.7	6,395.7	39.6	7.1	46.6
July 2020	4,022.9	1,756.0	5,778.9	42.4	17.2	59.5
PAD District 3						
Alabama						
July 2021	40,873.2	16,104.6	56,977.8	514.0	266.6	780.6
June 2021	41,554.7	16,540.7	58,095.4	510.3	264.2	774.5
July 2020	38,582.1	14,268.5	52,850.6	535.7	237.8	773.5
Arkansas						
July 2021	3,820.5	-	3,820.5	42.0	-	42.0
June 2021	3,745.8	-	3,745.8	40.4	-	40.4
July 2020	3,453.2	-	3,453.2	38.8	-	38.8
Louisiana						
July 2021	6,372.7	-	6,372.7	50.0	-	50.0
June 2021	6,802.4	-	6,802.4	48.8	-	48.8
July 2020	6,325.9	-	6,325.9	49.6	-	49.6
Mississippi						
July 2021	3,711.8	-	3,711.8	52.6	-	52.6
June 2021	3,852.6	-	3,852.6	54.6	-	54.6
July 2020	3,666.5	-	3,666.5	51.5	-	51.5
New Mexico						
July 2021	2,374.6	-	2,374.6	33.2	-	33.2
June 2021	2,351.0	-	2,351.0	33.3	-	33.3
July 2020	2,039.2	-	2,039.2	69.1	-	69.1
Texas						
July 2021	18,275.1	16,104.6	34,379.7	245.1	266.6	511.7
June 2021	18,441.0	16,540.7	34,981.7	246.8	264.2	511.0
July 2020	16,894.0	14,268.5	31,162.5	238.5	237.8	476.2

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
July 2021	241.1	-	241.1	2,497.2	-	2,497.2
June 2021	248.8	-	248.8	2,569.7	-	2,569.7
July 2020	269.6	-	269.6	2,406.1	-	2,406.1
North Dakota						
July 2021	151.5	-	151.5	1,100.9	-	1,100.9
June 2021	157.7	-	157.7	1,142.4	-	1,142.4
July 2020	136.4	-	136.4	1,031.5	-	1,031.5
Ohio						
July 2021	1,015.3	-	1,015.3	13,717.6	-	13,717.6
June 2021	991.1	-	991.1	13,634.0	-	13,634.0
July 2020	938.9	-	938.9	12,856.5	-	12,856.5
Oklahoma						
July 2021	596.9	-	596.9	5,842.1	-	5,842.1
June 2021	618.8	-	618.8	5,824.7	-	5,824.7
July 2020	602.0	-	602.0	5,379.4	-	5,379.4
South Dakota						
July 2021	166.6	-	166.6	1,481.1	-	1,481.1
June 2021	151.5	-	151.5	1,425.2	-	1,425.2
July 2020	171.5	-	171.5	1,413.9	-	1,413.9
Tennessee						
July 2021	996.0	-	996.0	9,945.6	-	9,945.6
June 2021	1,008.3	-	1,008.3	9,827.5	-	9,827.5
July 2020	922.0	-	922.0	9,271.5	-	9,271.5
Wisconsin						
July 2021	580.6	196.9	777.6	5,136.4	2,107.4	7,243.8
June 2021	534.3	198.9	733.2	5,046.9	2,128.7	7,175.5
July 2020	579.4	190.0	769.4	4,644.7	1,963.1	6,607.8
PAD District 3						
July 2021	4,279.9	2,590.1	6,870.0	45,667.1	18,961.3	64,628.4
June 2021	4,312.6	2,583.3	6,895.8	46,377.6	19,388.2	65,765.8
July 2020	4,038.7	2,271.2	6,309.9	43,156.5	16,777.5	59,934.0
Alabama						
July 2021	647.9	-	647.9	7,057.4	-	7,057.4
June 2021	663.3	-	663.3	7,111.6	-	7,111.6
July 2020	635.1	-	635.1	6,926.5	-	6,926.5
Arkansas						
July 2021	374.3	-	374.3	4,236.8	-	4,236.8
June 2021	374.1	-	374.1	4,160.3	-	4,160.3
July 2020	354.5	-	354.5	3,846.5	-	3,846.5
Louisiana						
July 2021	629.5	-	629.5	7,052.3	-	7,052.3
June 2021	658.5	-	658.5	7,509.8	-	7,509.8
July 2020	625.8	-	625.8	7,001.4	-	7,001.4
Mississippi						
July 2021	350.0	-	350.0	4,114.5	-	4,114.5
June 2021	353.3	-	353.3	4,260.6	-	4,260.6
July 2020	328.1	-	328.1	4,046.1	-	4,046.1
New Mexico						
July 2021	361.8	-	361.8	2,769.7	-	2,769.7
June 2021	361.6	-	361.6	2,745.8	-	2,745.8
July 2020	318.3	-	318.3	2,426.5	-	2,426.5
Texas						
July 2021	1,916.4	2,590.1	4,506.4	20,436.5	18,961.3	39,397.8
June 2021	1,901.8	2,583.3	4,485.1	20,589.6	19,388.2	39,977.8
July 2020	1,776.9	2,271.2	4,048.2	18,909.4	16,777.5	35,686.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2021	13,721.6	-	13,721.6	282.9	-	282.9
June 2021	13,221.8	-	13,221.8	288.2	-	288.2
July 2020	12,389.8	-	12,389.8	304.5	-	304.5
Colorado						
July 2021	5,289.7	-	5,289.7	114.0	-	114.0
June 2021	5,125.1	-	5,125.1	109.1	-	109.1
July 2020	4,874.7	-	4,874.7	118.4	-	118.4
Idaho						
July 2021	2,003.5	-	2,003.5	12.6	-	12.6
June 2021	1,970.8	-	1,970.8	15.9	-	15.9
July 2020	1,908.7	-	1,908.7	16.5	-	16.5
Montana						
July 2021	2,175.7	-	2,175.7	76.1	-	76.1
June 2021	2,080.4	-	2,080.4	80.7	-	80.7
July 2020	1,870.4	-	1,870.4	74.5	-	74.5
Utah						
July 2021	3,231.1	-	3,231.1	58.9	-	58.9
June 2021	3,049.4	-	3,049.4	59.8	-	59.8
July 2020	2,799.1	-	2,799.1	73.1	-	73.1
Wyoming						
July 2021	1,021.6	-	1,021.6	21.2	-	21.2
June 2021	996.1	-	996.1	22.7	-	22.7
July 2020	936.9	-	936.9	22.1	-	22.1
PAD District 5						
July 2021	17,228.5	30,422.6	47,651.1	256.0	544.5	800.4
June 2021	16,636.0	30,578.4	47,214.4	254.7	540.7	795.3
July 2020	15,322.3	27,829.8	43,152.1	268.2	712.1	980.3
Alaska						
July 2021	674.8	-	674.8	W	-	W
June 2021	656.2	-	656.2	W	-	W
July 2020	632.1	-	632.1	W	-	W
Arizona						
July 2021	2,767.8	4,193.7	6,961.5	W	W	119.0
June 2021	2,857.0	4,217.8	7,074.8	W	W	116.1
July 2020	W	W	6,074.7	W	W	118.5
California						
July 2021	-	26,198.7	26,198.7	-	465.7	465.7
June 2021	-	26,339.0	26,339.0	-	463.2	463.2
July 2020	-	24,089.9	24,089.9	-	W	640.4
Hawaii						
July 2021	943.6	-	943.6	W	-	W
June 2021	968.7	-	968.7	W	-	W
July 2020	963.4	-	963.4	W	-	W
Nevada						
July 2021	2,482.5	30.1	2,512.5	W	W	41.0
June 2021	2,502.5	21.6	2,524.1	W	W	41.0
July 2020	W	W	2,309.5	42.3	-	42.3
Oregon						
July 2021	3,988.2	-	3,988.2	29.6	-	29.6
June 2021	3,690.1	-	3,690.1	24.1	-	24.1
July 2020	3,481.6	-	3,481.6	25.8	-	25.8
Washington						
July 2021	6,371.7	-	6,371.7	66.5	-	66.5
June 2021	5,961.5	-	5,961.5	62.8	-	62.8
July 2020	5,600.8	-	5,600.8	69.1	-	69.1

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
July 2021	3,338.9	-	3,338.9	17,343.3	-	17,343.3
June 2021	3,245.4	-	3,245.4	16,755.4	-	16,755.4
July 2020	3,188.1	-	3,188.1	15,882.4	-	15,882.4
Colorado						
July 2021	1,271.5	-	1,271.5	6,675.2	-	6,675.2
June 2021	1,221.4	-	1,221.4	6,455.7	-	6,455.7
July 2020	1,186.0	-	1,186.0	6,179.2	-	6,179.2
Idaho						
July 2021	378.6	-	378.6	2,394.8	-	2,394.8
June 2021	387.8	-	387.8	2,374.4	-	2,374.4
July 2020	418.0	-	418.0	2,343.2	-	2,343.2
Montana						
July 2021	463.6	-	463.6	2,715.3	-	2,715.3
June 2021	449.5	-	449.5	2,610.6	-	2,610.6
July 2020	438.8	-	438.8	2,383.6	-	2,383.6
Utah						
July 2021	999.6	-	999.6	4,289.6	-	4,289.6
June 2021	970.4	-	970.4	4,079.5	-	4,079.5
July 2020	909.6	-	909.6	3,781.8	-	3,781.8
Wyoming						
July 2021	225.6	-	225.6	1,268.4	-	1,268.4
June 2021	216.4	-	216.4	1,235.2	-	1,235.2
July 2020	235.6	-	235.6	1,194.6	-	1,194.6
PAD District 5						
July 2021	3,489.1	8,765.0	12,254.0	20,973.6	39,732.0	60,705.6
June 2021	3,423.1	8,851.3	12,274.4	20,313.8	39,970.4	60,284.2
July 2020	3,314.5	8,110.1	11,424.6	18,905.0	36,652.0	55,557.0
Alaska						
July 2021	W	-	W	765.3	-	765.3
June 2021	W	-	W	750.0	-	750.0
July 2020	W	-	W	730.5	-	730.5
Arizona						
July 2021	W	W	1,075.9	3,274.4	4,882.1	8,156.5
June 2021	W	W	1,090.2	3,361.1	4,920.0	8,281.0
July 2020	W	W	932.7	W	W	7,125.9
California						
July 2021	-	8,147.4	8,147.4	-	34,811.9	34,811.9
June 2021	-	8,219.0	8,219.0	-	35,021.2	35,021.2
July 2020	-	W	7,596.0	-	32,326.3	32,326.3
Hawaii						
July 2021	W	-	W	1,250.7	-	1,250.7
June 2021	W	-	W	1,294.6	-	1,294.6
July 2020	W	-	W	1,305.6	-	1,305.6
Nevada						
July 2021	W	W	718.5	3,234.0	38.1	3,272.1
June 2021	W	W	713.8	3,249.7	29.2	3,278.8
July 2020	W	W	686.1	W	W	3,037.9
Oregon						
July 2021	593.0	-	593.0	4,610.8	-	4,610.8
June 2021	598.0	-	598.0	4,312.2	-	4,312.2
July 2020	569.6	-	569.6	4,077.1	-	4,077.1
Washington						
July 2021	1,400.2	-	1,400.2	7,838.4	-	7,838.4
June 2021	1,322.0	-	1,322.0	7,346.2	-	7,346.2
July 2020	1,283.7	-	1,283.7	6,953.6	-	6,953.6

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
United States								
July 2021	608.0	57,448.8	40.4	19,668.1	4,131.5	2,530.1		6,661.6
June 2021	511.6	55,393.9	22.3	20,262.2	5,072.6	3,270.2		8,342.8
July 2020	469.5	37,833.7	W	18,548.4	5,659.4	2,284.5		7,943.9
PAD District 1								
July 2021	147.9	12,546.8	40.4	3,320.9	W	W		1,489.6
June 2021	164.1	11,514.5	22.3	3,805.9	1,466.8	892.6		2,359.4
July 2020	146.4	6,098.2	W	3,474.0	2,611.5	203.6		2,815.2
Subdistrict 1A								
July 2021	19.9	1,391.0	W	590.3	33.7	-		33.7
June 2021	20.5	1,224.1	W	725.8	W	-		W
July 2020	16.9	745.4	W	513.5	W	W		W
Connecticut								
July 2021	2.6	149.2	W	83.3	-	-		-
June 2021	2.4	162.5	W	100.6	-	-		-
July 2020	2.7	113.4	-	52.5	W	-		W
Maine								
July 2021	4.2	137.0	-	144.1	19.0	-		19.0
June 2021	2.5	136.2	-	176.0	W	-		W
July 2020	2.3	97.4	-	131.4	W	W		W
Massachusetts								
July 2021	9.1	931.1	-	128.4	W	-		W
June 2021	9.8	771.0	-	167.7	W	-		W
July 2020	7.9	457.3	-	121.0	W	-		W
New Hampshire								
July 2021	2.1	80.6	-	138.2	W	-		W
June 2021	2.8	58.3	-	166.8	W	-		W
July 2020	1.7	34.6	-	129.5	W	-		W
Rhode Island								
July 2021	W	51.3	-	21.8	-	-		-
June 2021	W	45.4	W	22.6	-	-		-
July 2020	W	24.8	-	17.1	-	-		-
Vermont								
July 2021	W	41.8	W	74.6	W	-		W
June 2021	W	50.7	W	92.1	W	-		W
July 2020	W	18.0	W	62.1	W	-		W
Subdistrict 1B								
July 2021	34.5	6,262.2	W	1,145.4	819.2	375.0		1,194.2
June 2021	35.9	5,148.0	W	1,450.5	1,452.5	824.4		2,276.9
July 2020	35.8	2,822.5	W	1,366.3	2,588.4	73.8		2,662.2
Delaware								
July 2021	W	12.7	-	83.8	W	-		W
June 2021	1.1	14.1	-	90.3	-	-		-
July 2020	0.8	9.9	-	87.9	W	-		W
District of Columbia								
July 2021	-	-	-	-	-	-		-
June 2021	-	-	-	-	-	-		-
July 2020	-	-	-	-	-	-		-
Maryland								
July 2021	W	195.2	-	109.5	W	-		W
June 2021	5.3	187.9	-	161.7	W	-		W
July 2020	5.2	172.4	-	134.9	W	-		W
New Jersey								
July 2021	8.2	1,912.7	W	112.2	W	W		W
June 2021	8.5	1,324.9	W	153.8	W	W		1,746.2
July 2020	7.9	838.0	W	109.5	W	W		1,042.2
New York								
July 2021	9.6	2,548.6	W	457.3	W	W		W
June 2021	11.7	2,320.0	19.6	534.0	260.4	W		W
July 2020	10.4	1,304.8	W	406.1	W	W		1,502.2
Pennsylvania								
July 2021	9.7	1,593.0	-	382.6	W	-		W
June 2021	9.3	1,301.1	-	510.6	W	W		W
July 2020	11.5	497.4	-	627.9	102.5	-		102.5

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
Subdistrict 1C								
July 2021	93.5	4,893.7	-	1,585.3	W	W	261.7	
June 2021	107.7	5,142.4	-	1,629.6	W	68.2	W	
July 2020	93.7	2,530.3	-	1,594.2	W	W	W	
Florida								
July 2021	47.2	3,055.1	-	466.3	W	W	204.8	
June 2021	57.6	3,376.4	-	515.4	-	W	W	
July 2020	50.2	1,441.3	-	428.7	-	W	W	
Georgia								
July 2021	13.3	458.8	-	293.7	W	W	19.3	
June 2021	16.3	381.4	-	288.2	W	W	12.3	
July 2020	11.9	272.6	-	263.5	W	W	22.7	
North Carolina								
July 2021	14.8	350.9	-	426.7	-	W	W	
June 2021	12.4	361.1	-	368.4	-	W	W	
July 2020	13.4	257.2	-	325.8	-	W	W	
South Carolina								
July 2021	5.6	317.0	-	175.1	W	W	W	
June 2021	9.5	298.8	-	208.9	W	W	W	
July 2020	7.5	177.4	-	168.9	W	W	W	
Virginia								
July 2021	10.9	680.0	-	177.4	W	-	W	
June 2021	9.9	696.5	-	205.3	W	-	W	
July 2020	8.9	362.0	-	284.0	-	W	W	
West Virginia								
July 2021	1.7	31.8	-	46.0	-	-	-	
June 2021	2.0	28.1	-	43.3	-	-	-	
July 2020	1.8	19.8	-	123.3	-	-	-	
PAD District 2								
July 2021	134.7	11,125.3	-	5,495.4	W	W	85.4	
June 2021	126.5	11,006.0	-	5,575.5	W	86.1	W	
July 2020	123.3	8,100.4	-	5,671.4	W	W	69.0	
Illinois								
July 2021	11.8	3,170.6	-	926.9	-	-	-	
June 2021	11.9	3,260.7	-	965.1	-	W	W	
July 2020	12.2	1,799.8	-	920.7	-	-	-	
Indiana								
July 2021	7.5	903.3	-	499.3	-	W	W	
June 2021	8.2	1,071.8	-	436.9	-	W	W	
July 2020	8.0	797.3	-	501.8	-	W	W	
Iowa								
July 2021	8.0	152.6	-	371.4	-	-	-	
June 2021	6.4	104.6	-	392.0	-	-	-	
July 2020	8.7	101.7	-	410.5	-	-	-	
Kansas								
July 2021	6.8	190.1	-	453.5	-	-	-	
June 2021	6.6	154.6	-	506.9	-	-	-	
July 2020	5.8	144.6	-	414.2	-	-	-	
Kentucky								
July 2021	4.6	1,662.6	-	245.0	-	-	-	
June 2021	5.0	1,647.7	-	246.5	-	-	-	
July 2020	5.8	1,480.3	-	219.1	-	-	-	
Michigan								
July 2021	14.3	636.5	-	489.9	-	W	W	
June 2021	12.4	566.1	-	530.3	W	W	31.6	
July 2020	11.7	370.6	-	532.3	-	W	W	
Minnesota								
July 2021	11.0	374.5	-	444.4	-	W	W	
June 2021	13.5	354.8	-	450.5	-	W	W	
July 2020	11.5	251.7	-	507.7	-	W	W	
Missouri								
July 2021	9.8	449.1	-	315.4	W	-	W	
June 2021	9.8	361.3	-	317.7	-	-	-	
July 2020	9.2	298.9	-	299.8	W	-	W	

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil					
					Sulfur less than or equal to 1%	Sulfur greater than 1%							
PAD District 2 (cont.)													
Nebraska													
July 2021	W	183.4	-	227.5	-	-	-	-					
June 2021	4.8	159.4	-	198.1	-	-	-	-					
July 2020	5.2	117.1	-	121.4	-	-	-	-					
North Dakota													
July 2021	W	89.7	-	331.3	-	-	-	-					
June 2021	W	92.5	-	328.3	-	-	-	-					
July 2020	7.4	108.3	-	457.4	-	-	-	-					
Ohio													
July 2021	11.9	944.4	-	384.5	-	-	-	-					
June 2021	11.7	826.4	-	429.5	-	-	-	-					
July 2020	10.9	607.4	-	466.1	-	W	W	-					
Oklahoma													
July 2021	7.3	613.4	-	132.6	-	-	-	-					
June 2021	6.4	721.7	-	117.9	-	-	-	-					
July 2020	5.7	395.3	-	150.5	-	-	-	-					
South Dakota													
July 2021	4.7	72.2	-	70.9	-	W	W	-					
June 2021	W	72.4	-	78.3	-	W	W	-					
July 2020	4.0	47.6	-	56.4	-	-	-	-					
Tennessee													
July 2021	11.2	1,495.2	-	141.8	-	W	W	-					
June 2021	12.1	1,438.8	-	148.8	-	-	-	-					
July 2020	9.6	1,460.6	-	194.9	-	-	-	-					
Wisconsin													
July 2021	16.7	187.8	-	460.9	-	W	W	-					
June 2021	7.3	173.3	-	428.8	-	W	W	-					
July 2020	7.7	119.2	-	418.7	-	W	W	-					
PAD District 3													
July 2021	68.9	13,781.5	-	8,230.0	1,555.7	808.9	2,364.6	-					
June 2021	72.6	13,692.0	-	7,955.7	1,581.6	865.5	2,447.1	-					
July 2020	63.2	9,190.0	-	6,775.4	W	W	2,052.3	-					
Alabama													
July 2021	6.9	178.0	-	126.8	W	W	W	-					
June 2021	9.8	195.8	-	144.8	W	-	W	-					
July 2020	6.8	112.4	-	115.9	W	W	W	-					
Arkansas													
July 2021	6.8	196.0	-	80.6	-	-	-	-					
June 2021	4.9	198.2	-	83.7	-	-	-	-					
July 2020	4.3	140.5	-	86.2	-	-	-	-					
Louisiana													
July 2021	6.6	3,112.2	-	900.2	W	W	721.7	-					
June 2021	5.4	2,653.5	-	878.1	282.5	64.1	346.6	-					
July 2020	5.0	1,500.5	-	1,012.7	394.5	117.9	512.4	-					
Mississippi													
July 2021	6.5	1,085.1	-	237.9	W	-	W	-					
June 2021	4.5	1,222.9	-	306.7	W	-	W	-					
July 2020	4.1	637.1	-	205.0	W	-	W	-					
New Mexico													
July 2021	5.2	124.4	-	124.5	-	-	-	-					
June 2021	2.9	150.2	-	129.7	-	-	-	-					
July 2020	3.8	79.0	-	118.9	-	-	-	-					
Texas													
July 2021	37.0	9,085.9	-	6,760.0	828.1	755.0	1,583.1	-					
June 2021	45.1	9,271.3	-	6,412.6	1,269.4	801.4	2,070.8	-					
July 2020	39.2	6,720.5	-	5,236.8	563.0	900.1	1,463.0	-					

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Residual fuel oil			Total residual fuel oil
				Propane (consumer grade)	Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
July 2021	42.6	2,701.6	-	832.0	-	-	-
June 2021	41.6	2,189.8	-	849.6	W	-	W
July 2020	37.3	1,418.9	-	904.7	-	-	-
Colorado							
July 2021	15.6	1,336.5	-	256.8	-	-	-
June 2021	15.5	1,006.7	-	281.7	-	-	-
July 2020	11.5	652.9	-	267.9	-	-	-
Idaho							
July 2021	9.7	217.1	-	78.8	-	-	-
June 2021	9.8	157.8	-	73.1	-	-	-
July 2020	8.8	96.7	-	65.0	-	-	-
Montana							
July 2021	7.5	269.3	-	217.1	-	-	-
June 2021	6.1	225.7	-	232.6	-	-	-
July 2020	6.5	139.3	-	195.6	-	-	-
Utah							
July 2021	5.7	774.8	-	112.6	-	-	-
June 2021	7.2	711.3	-	107.3	-	-	-
July 2020	6.8	455.3	-	141.4	-	-	-
Wyoming							
July 2021	4.1	103.9	-	166.7	-	-	-
June 2021	3.0	88.4	-	154.8	W	-	W
July 2020	3.6	74.7	-	234.9	-	-	-
PAD District 5							
July 2021	213.8	17,293.5	-	1,789.8	1,540.4	1,181.5	2,721.9
June 2021	106.9	16,991.6	-	2,075.6	2,016.1	1,426.0	3,442.1
July 2020	99.3	13,026.1	-	1,722.8	2,016.3	991.1	3,007.4
Alaska							
July 2021	W	2,336.7	-	W	-	-	-
June 2021	W	2,396.3	-	W	-	-	-
July 2020	W	2,110.9	-	W	-	-	-
Arizona							
July 2021	13.7	469.3	-	157.3	-	-	-
June 2021	19.3	556.7	-	220.0	-	-	-
July 2020	17.5	380.3	-	147.7	-	-	-
California							
July 2021	49.0	9,306.9	-	1,039.5	659.5	777.2	1,436.7
June 2021	48.4	9,141.0	-	1,156.5	735.9	1,034.1	1,770.0
July 2020	47.6	7,811.6	-	905.8	727.3	657.4	1,384.7
Hawaii							
July 2021	W	1,760.7	-	W	W	W	W
June 2021	-	1,795.4	-	W	W	W	W
July 2020	W	527.9	-	W	W	W	W
Nevada							
July 2021	4.4	656.9	-	47.5	-	-	-
June 2021	W	670.2	-	65.1	-	-	-
July 2020	4.3	415.0	-	59.7	-	-	-
Oregon							
July 2021	10.2	603.5	-	86.2	W	-	W
June 2021	12.7	546.5	-	101.2	W	-	W
July 2020	11.5	315.5	-	112.6	W	W	W
Washington							
July 2021	28.3	2,159.4	-	418.5	W	W	482.9
June 2021	17.7	1,885.4	-	486.8	W	W	649.3
July 2020	15.5	1,465.0	-	457.5	W	W	567.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
 thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		No. 2 diesel fuel	High-sulfur	No. 2 distillate	Total distillate and kerosene
					Low-sulfur	W				
United States										
July 2021	602.9	220.2	2,660.5	157,401.8		W		W	161,177.9	162,041.5
June 2021	515.6	213.3	3,183.3	168,111.9		W		W	172,261.6	173,012.8
July 2020	719.5	W	2,266.4	151,288.5		W		W	154,761.4	155,733.7
PAD District 1										
July 2021	68.1	11.6	2,097.8	39,345.1		W		W	41,619.1	41,739.2
June 2021	W	W	2,620.5	W		-		W	45,542.8	45,609.3
July 2020	120.7	W	1,953.3	39,147.5		-		263.7	41,364.5	41,520.3
Subdistrict 1A										
July 2021	W	W	794.0	W		-		W	4,257.9	4,273.4
June 2021	11.0	W	1,039.2	3,641.4		-		W	4,680.6	4,695.3
July 2020	10.3	W	740.1	W		-		W	4,075.0	4,089.1
Connecticut										
July 2021	W	W	195.2	788.5		-		-	983.7	989.1
June 2021	W	W	243.3	818.9		-		-	1,062.2	1,064.6
July 2020	W	W	147.9	709.8		-		-	857.7	860.6
Maine										
July 2021	W	W	166.3	W		-		W	745.1	750.6
June 2021	W	W	221.5	611.8		-		-	833.2	840.3
July 2020	W	W	170.9	W		-		W	822.0	829.2
Massachusetts										
July 2021	W	W	218.4	1,272.2		-		-	1,490.6	1,492.1
June 2021	W	W	287.6	1,333.7		-		-	1,621.3	1,622.0
July 2020	W	W	190.5	W		-		W	1,373.7	1,374.5
New Hampshire										
July 2021	W	W	105.0	335.5		-		-	440.5	442.7
June 2021	W	W	129.3	367.5		-		-	496.8	499.5
July 2020	W	W	95.2	321.3		-		-	416.5	418.6
Rhode Island										
July 2021	-	-	53.6	285.2		-		-	338.7	338.7
June 2021	-	W	76.2	287.5		-		-	363.6	363.8
July 2020	W	-	75.5	W		-		-	W	364.6
Vermont										
July 2021	0.5	W	55.5	203.7		-		-	259.2	260.1
June 2021	W	-	81.4	222.1		-		-	303.5	305.1
July 2020	W	-	60.0	W		-		-	W	241.5
Subdistrict 1B										
July 2021	51.7	W	1,262.4	12,966.0		W		W	14,360.4	14,457.9
June 2021	23.4	W	1,552.0	W		W		W	15,841.8	15,886.4
July 2020	W	4.6	1,178.9	13,035.4		-		203.9	14,418.2	14,550.5
Delaware										
July 2021	W	-	W	W		-		-	W	507.0
June 2021	W	-	W	510.1		-		W	W	533.4
July 2020	0.3	-	W	W		-		-	430.0	430.3
District of Columbia										
July 2021	-	-	W	W		-		-	28.9	28.9
June 2021	-	-	W	W		-		-	31.8	31.8
July 2020	-	-	W	W		-		-	27.7	27.7
Maryland										
July 2021	2.0	-	37.4	W		-		W	1,807.3	1,809.3
June 2021	3.1	-	73.0	W		-		W	1,942.2	1,945.3
July 2020	0.9	-	42.6	W		-		W	1,758.5	1,759.4
New Jersey										
July 2021	-	-	172.6	2,695.8		-		W	W	2,926.5
June 2021	-	-	277.5	2,875.1		-		W	W	3,185.6
July 2020	W	-	317.1	2,813.3		-		99.2	3,229.5	3,229.9
New York										
July 2021	W	W	579.7	W		-		W	3,786.0	3,849.6
June 2021	W	W	728.4	W		-		W	4,192.4	4,226.1
July 2020	W	W	599.5	3,152.5		-		99.9	3,852.0	3,979.1
Pennsylvania										
July 2021	W	W	452.8	W		W		-	5,330.4	5,336.7
June 2021	W	W	449.3	W		-		W	5,957.7	5,964.1
July 2020	W	W	218.3	W		-		W	5,120.5	5,124.0

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
Subdistrict 1C							
July 2021	W	W	41.4	W	-	W	23,000.8
June 2021	W	W	29.3	W	-	W	25,020.4
July 2020	W	W	34.3	W	-	W	22,871.3
Florida							
July 2021	-	-	-	W	-	W	6,420.2
June 2021	-	-	-	W	-	W	6,909.9
July 2020	W	-	-	6,400.5	-	W	6,429.9
Georgia							
July 2021	W	W	-	W	-	W	4,912.9
June 2021	W	W	-	W	-	W	5,543.4
July 2020	W	W	-	W	-	W	5,082.8
North Carolina							
July 2021	W	W	W	W	-	-	3,788.2
June 2021	W	-	W	4,135.9	-	-	4,151.0
July 2020	W	W	W	W	-	-	3,889.6
South Carolina							
July 2021	W	W	W	2,863.2	-	W	2,871.7
June 2021	W	-	-	W	-	-	3,189.0
July 2020	W	-	W	2,812.1	-	W	2,812.7
Virginia							
July 2021	2.3	-	4.5	W	-	W	3,824.0
June 2021	1.2	-	7.6	4,076.3	-	-	4,084.0
July 2020	2.3	-	8.8	W	-	W	3,705.7
West Virginia							
July 2021	W	W	17.6	1,166.2	-	-	1,183.8
June 2021	W	W	W	W	-	-	1,148.3
July 2020	W	W	W	W	-	-	952.0
PAD District 2							
July 2021	10.0	70.8	31.5	W	W	-	50,008.4
June 2021	8.6	78.3	36.1	53,348.1	W	W	53,415.5
July 2020	15.9	69.0	36.6	W	W	-	48,049.2
Illinois							
July 2021	1.1	7.0	-	5,126.4	-	-	5,126.4
June 2021	0.3	7.8	-	5,647.2	-	-	5,647.2
July 2020	1.7	6.7	-	5,345.8	-	-	5,345.8
Indiana							
July 2021	W	W	-	4,087.7	-	-	4,087.7
June 2021	W	W	-	4,283.9	-	-	4,283.9
July 2020	W	W	-	4,057.9	-	-	4,057.9
Iowa							
July 2021	W	W	W	W	-	-	2,661.6
June 2021	0.4	10.3	W	W	-	-	2,923.2
July 2020	1.5	10.5	W	W	-	-	2,654.6
Kansas							
July 2021	-	5.6	-	3,048.3	-	-	3,048.3
June 2021	W	W	-	3,381.5	-	-	3,381.5
July 2020	W	W	-	2,939.1	-	-	2,939.1
Kentucky							
July 2021	W	-	-	2,768.7	W	-	W
June 2021	W	W	-	W	W	-	3,047.8
July 2020	W	W	-	W	W	-	2,500.7
Michigan							
July 2021	W	W	-	W	W	-	3,296.0
June 2021	W	W	-	3,537.1	W	W	3,540.4
July 2020	W	W	W	3,406.4	W	-	3,407.8
Minnesota							
July 2021	W	W	W	W	-	-	2,669.0
June 2021	W	W	2.4	2,939.6	-	-	2,942.0
July 2020	1.3	11.5	W	W	-	-	2,449.3
Missouri							
July 2021	W	W	W	W	-	-	4,204.3
June 2021	W	W	-	4,590.1	-	-	4,590.1
July 2020	W	W	W	W	-	-	4,081.5

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		No. 2 distillate	Total distillate and kerosene						
					No. 2 diesel fuel	Low-sulfur								
PAD District 2 (cont.)														
Nebraska														
July 2021	-	2.4	W	W	-	-	2,545.9	2,548.3						
June 2021	-	1.3	-	2,673.3	-	-	2,673.3	2,674.6						
July 2020	-	1.2	-	2,287.8	-	-	2,287.8	2,289.0						
North Dakota														
July 2021	W	W	-	1,595.3	-	-	1,595.3	1,607.0						
June 2021	-	10.2	-	W	-	-	1,593.9	1,604.1						
July 2020	W	W	-	1,479.8	-	-	1,479.8	1,487.6						
Ohio														
July 2021	W	W	W	W	-	-	5,865.1	5,871.9						
June 2021	W	W	-	6,009.5	-	-	6,009.5	6,017.0						
July 2020	W	W	W	W	-	-	5,539.0	5,549.9						
Oklahoma														
July 2021	W	W	-	4,273.4	-	-	4,273.4	4,276.1						
June 2021	W	W	-	4,304.2	-	-	4,304.2	4,308.0						
July 2020	W	W	-	3,374.4	-	-	3,374.4	3,379.7						
South Dakota														
July 2021	-	W	W	W	-	-	W	979.3						
June 2021	-	1.9	W	W	-	-	995.4	997.4						
July 2020	-	2.5	W	W	-	-	1,056.5	1,059.0						
Tennessee														
July 2021	W	W	-	3,817.5	-	-	3,817.5	3,818.5						
June 2021	W	W	-	4,159.5	-	-	4,159.5	4,160.3						
July 2020	W	W	-	3,923.2	-	-	3,923.2	3,923.9						
Wisconsin														
July 2021	0.6	3.9	W	W	-	-	3,044.9	3,049.5						
June 2021	0.1	8.5	W	W	-	-	3,323.6	3,332.3						
July 2020	0.6	4.5	W	W	-	-	2,951.5	2,956.7						
PAD District 3														
July 2021	W	W	507.3	36,967.9	-	457.6	37,932.7	38,456.3						
June 2021	W	W	494.2	39,480.3	-	488.5	40,463.0	40,926.1						
July 2020	W	W	W	33,654.7	-	W	34,029.1	34,607.6						
Alabama														
July 2021	W	-	W	W	-	W	W	2,923.0						
June 2021	W	-	-	3,226.7	-	W	W	3,228.9						
July 2020	1.0	-	-	2,810.2	-	-	2,810.2	2,811.2						
Arkansas														
July 2021	-	-	-	2,543.7	-	-	2,543.7	2,543.7						
June 2021	-	-	-	2,630.0	-	-	2,630.0	2,630.0						
July 2020	-	W	-	W	-	-	W	2,536.2						
Louisiana														
July 2021	W	W	W	4,807.0	-	W	5,085.5	5,605.4						
June 2021	W	W	W	W	-	W	5,413.4	5,872.6						
July 2020	W	-	-	4,359.7	-	W	W	5,002.6						
Mississippi														
July 2021	-	-	W	W	-	-	2,222.2	2,222.2						
June 2021	W	-	W	W	-	-	W	2,476.6						
July 2020	-	-	-	W	-	W	1,964.9	1,964.9						
New Mexico														
July 2021	-	-	-	2,173.9	-	-	2,173.9	2,173.9						
June 2021	-	-	-	2,318.9	-	-	2,318.9	2,318.9						
July 2020	-	-	-	1,743.7	-	-	1,743.7	1,743.7						
Texas														
July 2021	W	-	296.1	22,396.3	-	W	W	22,988.1						
June 2021	W	W	356.5	23,750.4	-	290.2	24,397.0	24,399.0						
July 2020	W	-	W	20,242.6	-	W	W	20,549.1						

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
PAD District 4							
July 2021	-	26.3	W	W	-	-	10,124.0
June 2021	-	25.8	W	W	-	-	10,210.3
July 2020	W	W	2.9	9,216.2	-	-	9,219.1
Colorado							
July 2021	-	1.9	-	2,454.9	-	-	2,456.8
June 2021	-	1.4	-	2,394.5	-	-	2,395.8
July 2020	-	4.2	-	2,377.0	-	-	2,381.3
Idaho							
July 2021	-	0.5	W	W	-	-	1,832.9
June 2021	-	W	W	W	-	-	1,908.4
July 2020	-	0.4	0.4	W	-	-	1,508.4
Montana							
July 2021	-	22.3	-	1,940.5	-	-	1,940.5
June 2021	-	22.7	-	1,845.5	-	-	1,845.5
July 2020	-	10.0	W	W	-	-	1,720.0
Utah							
July 2021	-	0.2	W	W	-	-	2,253.6
June 2021	-	W	W	2,314.1	-	-	W
July 2020	W	W	W	W	-	-	2,274.5
Wyoming							
July 2021	-	1.4	-	W	-	-	1,642.2
June 2021	-	1.5	-	W	-	-	1,739.9
July 2020	-	1.0	-	W	-	-	1,339.2
PAD District 5							
July 2021	W	W	W	W	-	W	21,493.7
June 2021	W	W	W	W	-	W	22,630.1
July 2020	W	W	W	W	W	658.8	22,099.3
Alaska							
July 2021	-	W	W	W	-	-	W
June 2021	-	W	W	W	-	-	W
July 2020	-	W	W	W	-	-	W
Arizona							
July 2021	-	W	-	W	-	-	W
June 2021	-	-	-	3,648.3	-	-	3,648.3
July 2020	-	W	-	W	-	-	W
California							
July 2021	W	-	W	9,848.5	-	W	W
June 2021	W	-	-	10,777.8	-	W	W
July 2020	W	W	-	W	-	W	9,621.4
Hawaii							
July 2021	-	-	-	414.0	-	W	W
June 2021	-	-	-	482.1	-	W	W
July 2020	-	-	-	340.6	W	W	W
Nevada							
July 2021	-	-	W	W	-	-	1,455.6
June 2021	-	-	W	W	-	-	1,586.7
July 2020	-	-	W	W	-	-	1,865.5
Oregon							
July 2021	-	W	-	2,338.6	-	W	W
June 2021	-	W	-	2,153.9	-	W	W
July 2020	-	-	-	W	-	W	2,231.0
Washington							
July 2021	W	W	-	W	-	W	3,102.3
June 2021	W	W	W	3,169.5	-	W	3,192.0
July 2020	W	W	W	3,545.3	-	W	3,768.4

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.